AMHERST COLLEGE CATALOGUE

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Amherst College Catalogue

For the Year

1910–1911

Amherst ❧ Massachusetts
Published by the College

1910

JULY

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1911

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1912

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College Calendar

1910

September 22, **Beginning of the College Year** 11:30 a.m. Thursday
October 6, Mountain Day, a holiday Thursday
November 23-25, Thanksgiving Recess 12:20 p. m. Wed.–2:00 p. m. Fri.
December 21, **Christmas Recess begins** 4 p. m. Wednesday

1911

January 5, **Christmas Recess ends** 8:15 a. m. Thursday
Jan. 31-Feb. 8, Semi-annual Examinations

February 9, Second Half-Year begins Thursday
February 12, Day of Prayer for Colleges Sunday
February 22, Washington's Birthday, a holiday Wednesday
March 22, **Spring Recess begins** 4 p. m. Wednesday
April 5, **Spring Recess ends** 8:15 a. m Wednesday
May 30, Memorial Day, a holiday Tuesday
June 12-15, Senior Examinations
June 16-23, Semi-Annual Examinations
June 19-24, Examinations for admission Monday to Saturday
June 25, Baccalaureate Sermon Sunday
June 26, Hyde Prize Orations Monday afternoon
June 26, Kellogg Prize Declamations Monday evening
June 27, Class Day Tuesday
June 27, President's Reception Tuesday afternoon
June 28, Commencement Exercises Wednesday morning
June 28, Alumni Dinner Wednesday afternoon

Summer Vacation of Twelve Weeks

September 15-20, Examinations for admission Friday to Wednesday
September 21, **Beginning of the College Year** 11:30 a. m. Thurs.
December 20, **Christmas Recess begins** 4 p. m. Wednesday

Organization

AMHERST COLLEGE was opened September 19, 1821, when forty-seven students were admitted into the four regular classes. Its charter, received February 21, 1825, confers upon the Corporation the right to perpetuate itself, together with the privileges usually granted to the trustees of such institutions. It provides that the number of trustees shall never be greater than seventeen, seven of whom shall be clergymen and ten laymen, and that the five vacancies first occurring shall thenceforth be filled by the joint ballots of the Legislature of Massachusetts, in convocation of both Houses. This provision was maintained for nearly fifty years, until the Legislature, by an Act passed, and approved by the Governor April 28, 1874, conferred the power of filling these five vacancies upon the Alumni, by whom it is now exercised in accordance with rules adopted by the Board of Trustees in concurrence with the Society of the Alumni. The corporate name of the Institution is "The Trustees of Amherst College."

The general government of the College is vested in the Board of Trustees. Its immediate direction is vested in the Faculty, who are empowered by the Trustees to determine the topics and order and method of study, and to make such rules as may be deemed necessary for the best regulation of the College.

Corporation

GEORGE A. PLIMPTON, B.A. New York, N. Y.
President of the Corporation

GEORGE HARRIS, D.D., LL.D. Amherst, Mass.
President of the College

PROFESSOR WILLISTON WALKER, D.D.
New Haven, Conn.
Secretary of the Corporation

G. HENRY WHITCOMB, M.A. Worcester, Mass.
REV. WILLIAM HAYES WARD, D.D., LL.D.
New York, N. Y.
CHARLES M. PRATT, M.A. Brooklyn, N. Y.
HON. CHARLES H. ALLEN, LL.D. Lowell, Mass.
REV. HENRY H. KELSEY, M.A. Marietta, O.
ARTHUR CURTISS JAMES, M.A. New York, N. Y.
JOHN W. SIMPSON, LL.D. New York, N. Y.
REV. CORNELIUS H. PATTON, D.D. Boston, Mass.
DEAN WILFORD L. ROBBINS, D.D., LL.D.
New York, N. Y.
FRANK WATERMAN STEARNS, B.A. Boston, Mass.
ARTHUR CHARLES ROUNDS, M.A. New York, N. Y.
PROFESSOR ARTHUR LINCOLN GILLETT, D.D.
Hartford, Conn.
TALCOTT WILLIAMS, LL.D., LITT.D. Philadelphia, Pa.
ROBERT ARCHEY WOODS, M.A. Boston, Mass.

HARRY WELTON KIDDER, B.A. Amherst, Mass.
Treasurer of the Corporation

Overseers of the Charitable Fund

Rev. John M. Greene, d.d.	Lowell, Mass.
M. Fayette Dickinson, m.a.	Boston, Mass.
Professor William B. Graves, m.a.	Andover, Mass.
John C. Hammond, m.a.	Northampton, Mass.
Lewis W. West, b.a.	Hadley, Mass.
Rev. James W. Bixler, d.d.	New London, Ct.
Rev. Charles W. Merriam	Greenfield, Mass.

Harry Welton Kidder, b.a., *Commissioner*

Faculty

GEORGE HARRIS, D.D., LL.D., *President of the College*
President's House

GEORGE DANIEL OLDS, LL.D., *Walker Professor of Mathematics, and Dean of the Faculty* 3 Orchard St.

EDWARD PAYSON CROWELL, D.D., *Professor Emeritus of the Latin Language and Literature* 21 Amity St.

EDWARD HITCHCOCK, M.D., LL.D., *Parmly Billings Professor of Hygiene and Physical Education*, 12 College St.

WILLIAM COLE ESTY, LL.D., *Professor Emeritus of Mathematics and Astronomy* 16 South Pleasant St.

ELIJAH PADDOCK HARRIS, PH.D., LL.D., *Professor Emeritus of Chemistry* 23 Woodside Ave.

BENJAMIN KENDALL EMERSON, PH.D., *Hitchcock Professor of Mineralogy and Geology* 21 Northampton Road

ANSON DANIEL MORSE, LL.D., *Professor Emeritus of History*
28 Northampton Road

JOHN MASON TYLER, PH.D., *Stone Professor of Biology*
8 Tyler Place

DAVID TODD, PH.D., *Professor of Astronomy and Navigation, and Director of the Observatory* Observatory House

JOHN FRANKLIN GENUNG, PH.D., D.D., *Professor of Literary and Biblical Interpretation* 6 College St.

WILLIAM LYMAN COWLES, M.A., *Moore Professor of the Latin Language and Literature* 20 Northampton Road

ARTHUR LALANNE KIMBALL, PH.D., *Professor of Physics* 25 Woodside Ave.

EDWIN AUGUSTUS GROSVENOR, LL.D., *Professor of Modern Government and International Law* 9 College St.

HARRY DE FOREST SMITH, M.A., *John C. Newton Professor of Greek* 5 College St.

GEORGE BOSWORTH CHURCHILL, PH.D.,* *Professor of English Literature* 25 Spring St.

THOMAS CUSHING ESTY, M.A., *Professor of Mathematics* 16 South Pleasant St.

WILLIAM PINGRY BIGELOW, M.A., *Professor of Music* 31 North Pleasant St.

ARTHUR JOHN HOPKINS, PH.D., *Professor of Chemistry* 2 South Pleasant St.

* Absent on leave.

JAMES WALTER CROOK, PH.D., *Professor of Economics* 1 College Ave.

PAUL CHRYSOSTOM PHILLIPS, M.D., *Professor of Hygiene and Physical Education* 21 Lincoln Ave.

FREDERIC BREWSTER LOOMIS, PH.D., *Professor of Comparative Anatomy* 8 Orchard St.

WILLIAM JESSE NEWLIN, M.A., *Professor of Philosophy* 13 Lincoln Ave.

CLARENCE WILLIS EASTMAN, PH.D., *Professor of the German Language and Literature* 18 Northampton Road

FREDERIC LINCOLN THOMPSON, M.A., *Professor of History* 63 South Pleasant St.

HENRY CARRINGTON LANCASTER, PH.D., *Professor of Romance Languages* Mt. Doma

LEVI HENRY ELWELL, M.A., *Associate Professor of Greek, and Instructor in Sanskrit* 5 Lincoln Ave.

JOSEPH OSGOOD THOMPSON, PH.D., *Associate Professor of Physics* 29 North Pleasant St.

HERBERT PERCIVAL GALLINGER, PH.D., *Associate Professor of History* 31 Northampton Road

ELLIOT SNELL HALL, PH.D., *Associate Professor of Chemistry* 99 South Pleasant St.

ARTHUR HENRY BAXTER, PH.D., *Associate Professor of Romance Languages* 34 Lincoln Ave.

STANLEY LEMAN GALPIN, PH.D., *Associate Professor of Romance Languages* 22 Northampton Road

JOHN CORSA, M.A., *Associate Professor of Public Speaking* 25 Amity St.

OTTO MANTHEY-ZORN, PH.D., *Associate Professor of German* 75 South Pleasant St.

ROBERT PALFREY UTTER, PH.D., *Associate Professor of English* 83 South Pleasant St.

HOWARD WATERS DOUGHTY, PH.D., *Associate Professor of Chemistry* 77 South Pleasant St.

WILLIAM AVERILL STOWELL, PH.D., *Associate Professor of Romance Languages* 9 College Ave.

JOHN MAURICE CLARK, PH.D., *Associate Professor of Economics* Mt. Doma

RICHARD FRANCIS NELLIGAN, *Associate Professor of Hygiene and Physical Education* 11 Sunset Ave.

HERBERT FRANKLIN HAMILTON, PH.D., *Assistant Professor of English* 7 Northampton Road

CHARLES HANSEN TOLL, PH.D., *Assistant Professor of Philosophy* Mt. Doma

LAURENCE HOUGHTON PARKER, B.A., *Assistant Professor of Mathematics* 2 South Prospect St.

PERCY ROBERT CARPENTER, B.A., *Assistant Professor of Physical Education, and Assistant to the Dean* Kendrick Place

HERBERT PIERREPONT HOUGHTON, PH.D., *Assistant Professor of Latin* 20 Spring St.

ALFRED SHEPARD GOODALE, B.A., *Instructor in Botany and Registrar* South Amherst

CHARLES WIGGINS COBB, M.A., * *Walker Instructor in Mathematics*

CLARENCE EDWARD ANDREWS, M.A., *Instructor in English* Mt. Doma

WALTER PHELPS HALL, B.A., *Instructor in History* Mt. Doma

WILLIAM RADER WESTHAFER, M.A., *Instructor in Physics* 25 North Prospect St.

GEORGE EDWIN PORTER, PH.D., *Instructor in English* 19 Main St.

GEORGE HOFFMAN CRESSE, M.A., *Instructor in Mathematics* 19 Main St.

* Absent on leave

Arthur Livingstone Kimball, b.a., *Assistant in Geology*
25 Woodside Ave.

Hubert Baker Goodrich, b.s., *Assistant in Biology*
99 South Pleasant St.

Charles John Hudson, b.a., *Assistant in the Observatory*
5 Snell St.

William Isaac Fletcher, m.a., *Otis Librarian*
54 North Pleasant St.

Robert Stillman Fletcher, b.a., *Assistant Librarian*
15 Gaylord St.

Edward Alsworth Ross, ph.d., Professor of Sociology in the University of Wisconsin, *Henry Ward Beecher Lecturer*

Clayton Charles Kohl, ph.d., *Lecturer on Education*

Committees of the Faculty

Administration: The PRESIDENT, the DEAN, Professors TYLER, COWLES, ESTY, HOPKINS, NEWLIN.

Instruction: The PRESIDENT, Professors KIMBALL, SMITH, CROOK, ESTY, LOOMIS, F. L. THOMPSON, EASTMAN, LANCASTER.

Library: The PRESIDENT, Professors NEWLIN, GALLINGER, LOOMIS, EASTMAN, GENUNG, SMITH, the TREASURER.

Catalogue: The PRESIDENT, Professors SMITH, UTTER.

Entrance Examinations: the PRESIDENT, the DEAN, the REGISTRAR.

Certificate Privilege: The PRESIDENT, the DEAN, the REGISTRAR.

Scholarships: The PRESIDENT, the DEAN.

Student Loan Fund: The PRESIDENT, Professor TODD, the TREASURER.

Board of Public Exhibitions: Faculty Members: Professors CHURCHILL, CORSA, NEWLIN.

Athletic Board: Faculty members: Professors HITCHCOCK, PHILLIPS, ESTY, F. L. THOMPSON, CROOK.

Alumni Teachers' Exchange: Professors TYLER, J. O. THOMPSON, the REGISTRAR.

College Preachers

1909-1910

Prof. Henry H. Tweedy, D.D.	New Haven, Conn.
Rev. Frank J. Goodwin	Pawtucket, R. I.
Pres. Albert P. Fitch, D.D.	Cambridge
Dean W. L. Robbins, D.D.	New York City
Rev. Jason N. Pierce	Brooklyn, N. Y.
Rev. William E. Barton, D.D.	Oak Park, Ill.
Rev. Nehemiah Boynton, D.D.	Brooklyn, N. Y.
Booker T. Washington, LL.D.	Tuskegee, Ala.
Rev. Sartell Prentice, Jr.	Nyack, N. Y.
Rev. H. Roswell Bates	New York City
Rev. Paul R. Frothingham	Boston
Rev. John B. Clark	Detroit, Mich.
Rev. Herbert A. Jump	New Britain, Conn.
Rev. Hugh Black	New York City
Rev. Jay T. Stocking	Newtonville
Rev. Newton M. Hall, D.D.	Springfield
Rev. Henry E. Cobb, D.D.	New York City
Rev. Alden H. Clark	India
Rev. Cornelius H. Patton, D.D.	Boston
Rev. Rockwell H. Potter, D.D.	Hartford, Conn.
Rev. Lyman Abbott, D.D.	New York City
Rev. Henry A. Stimson, D.D.	New York City
Rev. Hugh Birckhead	New York City
Rev. William G. Thayer, D.D.	Southboro
Prof. James S. Riggs, D.D.	Auburn, N. Y.
Mr. Robert E. Speer	New York City
Rev. Willis H. Butler	Northampton
Rev. George A. Gordon, D.D.	Boston
Rev. Andrew J. Lyman, D.D.	Brooklyn, N. Y.
Rev. F. Boyd Edwards	Brooklyn, N. Y.
Rev. Sherrod Soule	Hartford, Conn.

President Harris and Professor Genung

Fellows and Resident Graduates

PRESERVED SMITH, PH.D., *Rufus B. Kellogg University Fellow* — Amherst, Mass.

ROBERT CORNELIUS MURRAY, B.A., *Roswell Dwight Hitchcock Memorial Fellow* — Herkimer, N. Y.

JOHN PARK HENRY, B.A, *Edward Hitchcock Fellow* — Amherst, Mass.

RICHARD MITCHELS NEUSTADT, B.S., *South End House Fellow* — Boston, Mass.

CHARLES JOHN HUDSON, B.A. — 5 Snell St.

WILLIAM SARGENT LADD, B.S. — 1 North College

CHARLES BELCHER RUGG — X Φ House

WEN PIN WEI, B.A. — 5 Snell St.

Senior Class

The letter *s* after the name of a student indicates that he is a special student.

Abbot, Frank Prentice, Jr.	*Brooklyn, N. Y.*	Β Θ Π House
Abele, Richard Peter	*Zanesville, Ohio*	Δ Υ House
Altschul, Justin August	*Dayton, Ohio*	Σ Δ Ρ House
Ashley, John Porter	*Deerfield, Mass.*	15 Spring St.
Babbage, Lawrence Washburn	*Glen Ridge, N. J.*	Θ Δ Χ House
Babcock, William James	*Rochester, N. Y.*	Χ Ψ Lodge
Ballard, Clifford Bateman	*Painesville, Ohio*	Δ Κ Ε House
Barnum, William Newton	*Brooklyn, N. Y.*	Δ Κ Ε House
Beckwith, Carleton Burwell	*Brooklyn, N. Y.*	Φ Δ Θ House
Belden, Carroll Reed	*Omaha, Neb.*	Β Θ Π House
Bowen, Carl Kenneth	*Bellows Falls, Vt.*	Φ Κ Ψ House
Boyer, William Edward	*Somersworth, N. H.*	Φ Κ Ψ House
Brainerd, George Winthrop	*Holyoke, Mass.*	Χ Φ House
Bravo, Hylton Logan	*Newton Center, Mass.*	Φ Κ Ψ House
Bristol, Raymond Moreau	*Brooklyn, N. Y.*	13 Spring St.
Bryan, William Craig	*New York, N. Y.*	Φ Γ Δ House
Campbell, Charles Colfax	*Hackensack, N. J.*	Φ Γ Δ House
Cary, Frank	*Kyoto, Japan*	Κ Θ House
Chapin, Chester Fisher	*Montclair, N. J.*	Α Δ Φ House
Chapman, Charles Hyde	*Rutland, Vt.*	Ψ Υ House
Clarke, Alfred Henry	*Portland, Ore.*	Β Θ Π House
Cooke, Thomas Skidmore	*Fredonia, N. Y.*	Φ Δ Θ House
Corry, William Francis	*Montpelier, Vt.*	Θ Δ Χ House
Corwin, Merton Polydore	*Cortland, N. Y.*	Φ Κ Ψ House
Cranshaw, Harold Brown	*Providence, R. I.*	Β Θ Π House
Crewes, Chester Clarence	*Dwight, Ill.*	
Crittenden, Edmund Kearsley	*Brooklyn, N. Y.*	Α Δ Φ House
Dall, William Brand, Jr.	*Brooklyn, N. Y.*	Kendrick Court
Davis, Arthur Lorenzo	*Ware, Mass.*	17 Amity St.
Delatour, Beeckman Jousseaum	*Brooklyn, N. Y.*	Β Θ Π House
Ehrgood, Allen Harry	*Lebanon, Pa.*	Ψ Υ House
Elder, Frank Rose	*Amherst, Mass.*	8 Triangle St.
Fairbank, Alan Melvin	*Ahmednagar, India*	Β Θ Π House
Fish, Gordon Thorn	*Newark, N. J.*	15 Spring St.

George Robert Hudson	*Brookline, Mass.*	X Ψ Lodge
Gormley, Arthur Spain	*Chicago, Ill.*	Φ Δ Θ House
Haven, Erastus Otis	*Lake Forest, Ill.*	X Ψ Lodge
Haviland, Howard Ross	*Brooklyn, N. Y.*	Δ Υ House
Heermans, George Arthur	*Corning, N. Y.*	K Θ House
Henofer, Elmer Wilson	*West New Brighton, N. Y.*	11 South Prospect St.
Jacobs, Paul Cloyd	*Lima, Ohio*	X Φ House
Jones, Clayton Berry	*Elizabeth, N. J.*	Δ K E House
Kane, Thomas Leo	*Gardiner, Me.*	Θ Δ X House
Keith, Roger	*Brockton, Mass.*	X Φ House
Kernan, Thomas Francis	*Cortland, N. Y.*	Φ K Ψ House
Keyes, John Humphrey	*Brookline, Mass.*	Φ K Ψ House
Kittle, Sherman Crary	*Stamford, N. Y.*	Φ Γ Δ House
Lamb, John Jefferson	*Worcester, Mass.*	Φ Γ Δ House
Levy, Isidor David	*Greenfield, Mass.*	17 So. Prospect St.
Lilienthal, Philip Nettre, Jr.	*New York, N. Y.*	Θ Δ X House
Lord, Herbert Gardiner, Jr.	*New York, N. Y.*	Φ Δ Θ House
Lord, Upton Prentiss	*Omaha, Neb.*	Δ K E House
McBride, George Henry	*East Orange, N. J.*	X Ψ Lodge
McCague, John Livingston	*Omaha, Neb.*	X Ψ Lodge
McInerney, John Walter	*Adams, Mass.*	Hunt Block
Marsh, Edward Henry	*Brooklyn, N. Y.*	15 Amity St.
Maxson, Edgar Potter	*Westerly, R. I.*	Δ K E House
Maynard, Harry Hilts	*Stamford, N. Y.*	Φ Γ Δ House
Miller, Harold Stuart	*Providence, R. I.*	21 Woodside Ave.
Morton, Walter Harrison	*Worcester, Mass.*	Φ Γ Δ House
Myers, Robert Evershed	*Rochester, N. Y.*	B Θ Π House
Parks, George Bruner	*Brooklyn, N. Y.*	K Θ House
Parsons-Smith, Donald	*Toledo, Ohio*	X Ψ Lodge
Patterson, Arthur Dunn	*Findlay, Ohio*	Ψ Υ House
Pattison, Arthur Eugene, Jr.	*Ridgewood, N. J.*	Ψ Υ House
Patton, William Weston	*Highland Park, Ill.*	X Φ House
Paul, Randolph Evernghim	*Ridgewood, N. J.*	Φ Γ Δ House
Pawley, Thomas Désiré	*East Northfield, Mass.*	15 South College
Pennock, Eugene Ramey	*Altoona, Pa.*	Δ K E House
Phelps, Alfred Edward	*Brooklyn, N. Y.*	15 Amity St.

Pinkett, John Randolph	*Washington, D. C.*	17 South College
Pohl, Frederick Julius	*Brooklyn, N. Y.*	Σ Δ P House
Powell, William Baker	*Cleveland, Ohio*	Ψ ϒ House
Prince, Stanley Hodgdon	*Lexington, Mass.*	Α Δ Φ House
Radcliffe, Vernon	*Brooklyn, N. Y.*	X Φ Annex
Riker, Joseph Marsh, Jr.	*Newark, N. J.*	Ψ ϒ House
Roberts, Ernest Marion *s*	*White Cottage, Ohio*	Δ ϒ House
Roberts, Harold Carrier	*Utica, N. Y.*	Α Δ Φ House
Roberts, Lawrence Winston	*Utica, N. Y.*	Α Δ Φ House
Sawyer, George Garfield	*Hackensack, N. J.*	K Θ House
Scandrett, Richard Brown, Jr.	*Edgeworth, Pa.*	B Θ Π House
Scantlebury, Paul Fenwick	*Springfield, Mass.*	College Library
Seelye, Laurens Hickok	*Wooster, Ohio*	21 Northampton Road
Shumway, Waldo	*Brooklyn, N. Y.*	Σ Δ P House
Slayton, George Noyes	*Morrisville, Vt.*	K Θ House
Smith, Walter Winthrop	*Philadelphia, Pa.*	15 Amity St.
Snow, Charles Freeman	*Newtonville, Mass.*	25 Pleasant St.
Stearns, Albert Thomas, 2nd	*Boston, Mass.*	X Ψ Lodge
Stevens, John Hardison	*New York, N. Y.*	Δ K E House
Stone, William Morrell	*Guilford, Conn.*	K Θ House
Stott, Frederic William Heaton	*Philadelphia, Pa.*	Ψ ϒ House
Thompson, Leighton Sumner	*East Weymouth, Mass.*	Σ Δ P House
Treadwell, George Ludington *s*	*Brookline, Mass.*	Φ Δ Θ House
Wakelee, Louis Elmer	*Big Flats, N. Y.*	X Ψ Lodge
Walbridge, Arthur Hess	*Rochester, N. Y.*	Α Δ Φ House
Walker, Lewis Brigham	*Norwood, Mass.*	15 Spring St.
Washburn, William Francis	*Brockton, Mass.*	X Φ House
Weathers, Brantley Alexander, Jr.	*Ocala, Fla.*	Ψ ϒ House
Wheelock, Dexter	*Brooklyn, N. Y.*	X Φ House
Whitney, Harold Adelbert	*Chenango Forks, N. Y.*	Φ K Ψ House
Whitten, Edmund Sumner	*Holyoke, Mass.*	11 So. Prospect St.
Williams, George Way	*Rochester, N. Y.*	Φ Γ Δ House
Wilson, Leonard Hodges	*Waterville, N. Y.*	Α Δ Φ House
Wood, Lawrence	*Monongahela, Pa.*	Δ K E House
Woodside, William Stewart	*Elmira, N. Y.*	Θ Δ X House
Yerrall, George Randall, Jr.	*Springfield, Mass.*	X Φ House
Young, Donnell Brooks	*North Hanover, Mass.*	8 North Prospect St.

Junior Class

Armstrong, Robert Grenville	*Northampton, Mass.*	Φ Γ Δ House
Bacon, Howard Rogers	*Pittsford, N. Y.*	Θ Δ X House
Banfield, Everett Colby	*Austin, Minn.*	Φ K Ψ House
Barton, Frederick Bushnell	*Oak Park, Ill.*	Δ Δ Φ House
Baumann, Albert Vogt, Jr.	*Fremont, Ohio*	B Θ Π House
Beach, Frederick Harold	*New York, N. Y.*	14 Maple Ave.
Beatty, Claudius Francis	*Brooklyn, N. Y.*	Φ Δ Θ House
Berry, Allen Douglas	*Nashville, Tenn.*	Φ K Ψ House
Bishop, Stanley Guard	*Glyndon, Md.*	Δ K E House
Bishop, William Woolley	*Southampton, N. Y.*	X Φ Annex
Brock, Roland Humphrey	*Athol, Mass.*	Θ Δ X House
Brown, Edmund, Jr.	*Norfolk, Conn.*	Φ K Ψ House
Burns, Howard Fletcher	*Pittsburgh, Pa.*	8 North Prospect St.
Burt, Wilbur Farnham	*New York, N. Y.*	Ψ Υ House
Bussòm, Thomas Wainwright	*Pottsville, Pa.*	Δ K E House
Campbell, Archibald Brush	*Mt. Vernon, N. Y.*	K Θ House
Chasseaud, Hervé Gordon de	*Brooklyn, N. Y.*	B Θ Π House
Clapp, George Ewing	*Northampton, Mass.*	14 Maple Ave.
Clarke, Herbert Houghton	*Portland, Ore.*	28 North Pleasant St.
Colton, James Żearing	*Chicago, Ill.*	Φ Δ Θ House
Cook, Allan Wylie	*Mendota, Ill.*	5 School St.
Crandall, Harold Warren	*Normandy, Mo.*	Δ Δ Φ House
Cushing, Bartlett Ellis	*Middleboro, Mass.*	Φ K Ψ House
Davenport, Russell Lounsberry	*Ogden, Utah*	1 College Ave.
Davis, Clarion Almado	*Collinsville, Conn.*	Φ Γ Δ House
Davis, Fred Cady	*Somers, Conn.*	21 Main St.
Dawson, George Littleton	*Uniontown, Pa.*	Φ K Ψ House
Dick, Richard Georg	*Worcester, Mass.*	8 Spring St.
Eadie, Lewis Arnold	*Pittsfield, Mass.*	Ψ Υ House
Edds, Mac Vincent	*Sag Harbor, N. Y.*	Δ Υ House
Fitts, George Henry	*Pawtucket, R. I.*	Ψ Υ House
Fitts, Harold Edward	*Mansfield, Mass.*	Θ Δ X House
Fraser, Harold Lloyd	*Woburn, Mass.*	Σ Δ P House
Freeman, Harlan Page	*Fredonia, N. Y.*	Σ Δ P House

Gideon, Reinhart Lang	*Ogden, Utah*	21 Main St.
Goldstein, Harry	*Spokane, Wash.*	55 So. Pleasant St.
Gregory, Ernest	*Marblehead, Mass.*	Δ K E House
Haight, Harris Losee	*Millbrook, N. Y.*	3 Northampton Road
Hall, Russell Bertram	*Worcester, Mass.*	Θ Δ X House
Heavens, Ralph Bardwell	*Plymouth, Mass.*	Σ Δ P House
Hubbard, Claude Harrison	*Hatfield, Mass.*	Φ Γ Δ House
Hunting, Raymond Davis	*Boston, Mass.*	Δ K E House
Hurst, Benoni Price	*Washington, D. C.*	17 South College
Jackson, Frank Stanley	*Winthrop, Me.*	8 North Prospect St.
Jones, Levi Ronald	*Winthrop, Me.*	8 Spring St.
Jones, Lloyd	*Circleville, Ohio*	Δ Δ Φ House
Keeler, Isaac Spaulding	*Grand Rapids, Mich.*	Δ Υ House
Kelly, Lawrence Rogers	*Brighton, Mass.*	3 Northampton Road
Keyser, Paul Fulmer	*East Orange, N. J.*	Nash Block
Knapp, Benjamin Franklin	*Canandaigua, N. Y.*	15 Amity St.
Lary, Harold Raymond	*Wareham, Mass.*	Φ K Ψ House
Lee, Harold Canfield	*Topeka, Kan.*	5 School St.
Levy, Maurice Jacques	*Greenfield, Mass.*	17 So. Prospect St.
Lucey, Patrick Henry	*Northampton, Mass.*	K Θ House
Lusk, George W.	*Worcester, Mass.*	College Library
Lyon, Arthur Bates	*Brockton, Mass.*	Φ K Ψ House
McFarland, Frank Janvier	*Brooklyn, N. Y.*	X Ψ Lodge
Madden, John Harrison	*Binghamton, N. Y.*	Δ K E House
Mesick, Henry Thomas	*Springfield, Mass.*	28 South College
Miles, Daniel Nelson	*Livingston, Mont.*	X Ψ Lodge
Miller, Spencer, Jr.	*South Orange, N. J.*	Δ Δ Φ House
Millett, Fred Benjamin	*Whitman, Mass.*	K Θ House
Miner, Edward Cooley	*Springfield, Mass.*	27 North Prospect St.
Moller, Lester John Frederick	*Brooklyn, N. Y.*	B Θ Π House
Moody, Van Buren	*Mt. Hermon, Mass.*	11 South College
Norris, William Baker, Jr.	*St. Joseph, Mo.*	Δ Υ House
Olds, Leland	*Amherst, Mass.*	Δ Δ Φ House
Orr, Walter Stuart	*Orr's Mills, N. Y.*	Δ Υ House
Parsons, DeWitt Hoag	*Binghamton, N. Y.*	Ψ Υ House

Peacock, Alfred Burlingham	*Brooklyn, N. Y.*	B Θ Π House
Pease, Franklin Stuart	*Enfield, Ct.*	8 North Prospect St.
Peirce, Harry Haines	*Taunton, Mass.*	28 South College
Perkins, Charles Kingman	*Manchester, Vt.*	Φ K Ψ House
Peters, Reed Charles	*Omaha, Neb.*	B Θ Π House
Pinney, Harold Burley	*Springfield, Mass.*	Δ K E House
Proudfoot, Perry Alexander	*Roselle, N. J.*	8 North Prospect St.
Quinn, James Joseph, Jr.	*Whitinsville, Mass.*	X Φ Annex
Ramage, Alfred Hull	*Oil City, Pa.*	Δ K E House
Randell, George Mulford	*New York, N. Y.*	Φ Δ Θ House
Rathbun, Benjamin	*Elmira, N. Y.*	A Δ Φ House
Sanford, Wayland Hall	*Duluth, Minn.*	Δ Υ House
Sheldon, Winfred Charles	*Fort Ann, N. Y.*	Φ Γ Δ House
Sheridan, Charles Fitzgerald	*Oswego, N. Y.*	8 North College
Sherman, Stanley Carter	*Quincy, Mass.*	7 Parsons St.
Sibley, Beeman Pitcher	*Wellesley Hills, Mass.*	X Φ Annex
Sigel, Glenn Lara	*Portland, Ore.*	B Θ Π House
Simpson, Howard Dodd	*Brooklyn, N. Y.*	X Φ Annex
Smith, Carl J.	*Stillwater, N. Y.*	K Θ House
South, Harold Thomas	*East Braintree, Mass.*	K Θ House
Spalding, Charles Dawson	*Malden, Mass.*	K Θ House
Stebbins, Leon Raymond *s*	*South Deerfield, Mass.*	Gymnasium
Steber, Raymond William	*Warren, Pa.*	Φ Δ Θ House
Stuart, Merritt Corbett	*Binghamton, N. Y.*	Ψ Υ House
Stubbs, Eric Walter	*New York, N. Y.*	Δ K E House
Swanton, Hobart Paul	*Rochester, N. Y.*	A Δ Φ House
Tead, Ordway	*Somerville, Mass.*	A Δ Φ House
Thornton, Irving Taylor	*Buffalo, N. Y.*	8 North Prospect St.
Turner, Philip Layton	*Elmhurst, N. Y.*	Δ Υ House
Vernon, Joseph Henry	*Mansfield, Mass.*	Φ Δ Θ House
Vollmer, Edward Bartlett *s*	*Brooklyn, N. Y.*	X Φ Annex
Weatherby, Willard Erastus	*Russell, Pa.*	Φ Δ Θ House
Welles, Robert	*Paris, France*	X Ψ Lodge
Wellman, Sargent Holbrook	*Topsfield, Mass.*	X Ψ Lodge
Whiteman, Harold Bartlett	*Rochester, N. Y.*	A Δ Φ House
Williams, Lester Emerson	*Brockton, Mass.*	K Θ House

Sophomore Class

Allen, Herbert Charles, Jr.	*Buffalo, N. Y.*	Δ ϒ House
Allen, Harold Gates	*Auburndale, Mass.*	K Θ House
Anderson, Floyd Eugene	*Bainbridge, N. Y.*	Φ Γ Δ House
Averill, Otis	*Flushing, N. Y.*	A Δ Φ House
Babbott, Frank Lusk, Jr.	*Brooklyn, N. Y.*	A Δ Φ House
Bailey, Charles Fifield	*Montpelier, Vt.*	Δ K E House
Barnes, Harry Paul	*Ambler, Pa.*	Φ Δ Θ House
Bassett, Preston Rogers	*Brooklyn, N. Y.*	11 Parsons St.
Beckwith, Kenneth Burwell	*Amherst, Mass.*	Φ Δ Θ House
Belden, Horace Potter	*Hamilton, Ohio*	B Θ Π House
Benedict, Chauncey	*Montclair, N. J.*	Ψ ϒ House
Bixby, Harold McMillan	*St. Louis, Mo.*	Ψ ϒ House
Blackmer, Waldo Harvey	*Worcester, Mass.*	Φ Δ Θ House
Bond, Arthur Hazard	*Springfield, Mass.*	X Φ Annex
Browne, Robert Henry	*Doylestown, Pa.*	X Φ Annex
Brown, Wayland Hoyt	*Minneapolis, Minn.*	Ψ ϒ House
Burns, Timothy Joseph	*Ware, Mass.*	15 Amity St.
Cadman, Frederick Leslie	*Brooklyn, N. Y.*	B Θ Π House
Caldwell, Harold Van Yorx	*Winchester, Mass.*	Φ K Ψ House
Caldwell, Louis Goldsborough	*Oak Park, Ill.*	Δ ϒ House
Carter, Chauncey Paul	*Brooklyn, N. Y.*	Δ ϒ House
Coates, John Locke	*Alliance, Ohio*	A Δ Φ House
Cobb, Samuel Henry	*South Orange, N. J.*	13 Spring St.
Coffey, John Edward Develin	*Hackensack, N. J.*	X Ψ Lodge
Collins, Frank Samuel	*River Forest, Ill.*	B Θ Π House
Connolly, Bartholomew Joseph, Jr.	*Roxbury, Mass.*	Ψ ϒ House
Cook, Lloyd Harlow	*Chelsea, Mass.*	Σ Δ P House
Cousins, Thomas Flint	*Brooklyn, N. Y.*	Σ Δ P House
Coxhead, John Wallace	*Buffalo, N. Y.*	X Ψ Lodge
Coyle, Walter Wensley	*Ridgewood, N. J.*	Φ Γ Δ House
Creede, Thomas Raymond, Jr. *s*	*East Orange, N. J.*	Δ K E House
Cross, Raymond Witherspoon	*Rochester, N. Y.*	21 Main St.
Cutler, John Burdet, Jr.	*Hinsdale, Ill.*	B Θ Π House
Dawes, Ralph Norton	*Springfield, Mass.*	14 Maple Ave.

Elliott, Irvine Wilbur	*Cambridge, Mass.*	Φ Δ Θ House
Farwell, John Eden	*Geneva, N. Y.*	Θ Δ X House
Ferris, John Stewart	*Wellesley Hills, Mass.*	29 North Prospect St.
Fitzsimmons, Raymond James	*Holyoke, Mass.*	Θ Δ X House
Gilligan, Francis Timothy	*Holyoke, Mass.*	
Glen, Horatio Gates, Jr.	*Schenectady, N. Y.*	6 Northampton Road
Goff, William Leslie	*Winchester, Mass.*	Θ Δ X House
Good, Paul Francis	*Wahoo, Neb.*	7 Parsons St.
Greene, Theodore Ainsworth	*Middletown, Conn.*	Δ Δ Φ House
Guetter, Frederick John	*Elwyn, Pa.*	Φ Δ Θ House
Hamilton, William Galloway	*Fond du Lac, Wis.*	Φ K Ψ House
Hardy, Wilton Audubon	*Amherst, Mass.*	15 Lincoln Ave.
Hauck, George Washington	*Mechanicsburg, Pa.*	15 Amity St.
Havens, George Remington, Jr.	*Shelter Island Heights, N. Y.*	19 South College
Heinritz, Frederick John	*Holyoke, Mass.*	Σ Δ P House
Hopkins, Carroll Lyman	*Lansing, Mich.*	15 Amity St.
Hutchens, Harold William	*Johnstown, N. Y.*	X Φ House
Jaqueth, John Munro	*Brooklyn, N. Y.*	31 No. Prospect St.
Jenkins, Robert Alden	*Whitman, Mass.*	K Θ House
Jewett, Donald Campbell	*Cherryfield, Me.*	17 Amity St.
Johnston, Charles Lindley, Jr.	*Brooklyn, N. Y.*	Δ Υ House
Joost, Arthur Martin	*Brooklyn, N. Y.*	5 School St.
Keller, Fernando Carl	*Rochester, N. Y.*	Whitridge Hall
King, John Lord	*Winnetka, Ill.*	Φ Δ Θ House
Klingenfeld, John Henry, Jr.	*Brooklyn, N. Y.*	Σ Δ P House
Knudson, Edward Chevalier	*Devon, Pa.*	Nash Block
Konold, Herschel Scott	*Oak Park, Ill.*	Δ Υ House
Ladd, Charles Thornton	*Portland, Ore.*	Δ Δ Φ House
Lamberton, Harold Hutchinson	*Franklin, Pa.*	Ψ Υ House
Lathrop, Carl Oswald	*Fall River, Mass.*	21 Main St.
Lee, Henry Foster	*Buffalo, N. Y.*	Δ Υ House
Leiper, Henry Smith *s*	*Blauvelt, N. Y.*	B Θ Π House
Lindsay, Kenneth Clement	*Milwaukee, Wis.*	X Ψ Lodge
Littlejohn, Hugh Warwick	*Flushing, N. Y.*	Δ Δ Φ House
Livingston, Samuel Maurice	*Northampton, Mass.*	

Loomis, Henry Sprague	*Westfield, N. J.*	21 Main St.
Macdonald, James Frederick	*Seattle, Wash.*	Φ Γ Δ House
Marsh, Allison Wilson	*Quincy, Mass.*	7 Parsons St.
Martin, James Gardner	*Attica, Ind.*	Φ K Ψ House
Maxson, John Stevens	*Homer, N. Y.*	Φ K Ψ House
Mealand, Arthur John, Jr.	*Greenfield, Mass.*	3 Northampton Rd
Merrill, Randolph Seaman	*Paterson, N. J.*	Φ Γ Δ House
Mitchell, John Houston	*Meriden, Conn.*	Δ K E House
Moore, John Stanley	*Newton Centre, Mass.*	Δ K E House
Moore, Walter Weaver	*Johnstown, Pa.*	Δ Υ House
Morris, Albert Millard	*Yonkers, N. Y.*	A Δ Φ House
Morse, Edward Stiles	*Amherst, Mass.*	28 Northampton Rd
Newbery, Alfred	*New York, N. Y.*	8 Woodside Ave.
Noble, Arthur William	*Somerville, Mass.*	A K E House
Olds, George Daniel, Jr.	*Amherst, Mass.*	A Δ Φ House
Parsons, Charles Edwards	*Colorado Springs, Colo.*	Whitridge Hall
Partenheimer, Harold Philip	*Greenfield, Mass.*	14 Maple Ave.
Patten, Kenneth Spalding	*Brockport, N. Y.*	Θ Δ X House
Patton, Hamilton	*Highland Park, Ill.*	X Φ House
Plough, Harold Henry	*New York, N. Y.*	Δ Υ House
Pope, Frederick Russell	*Brooklyn, N. Y.*	K Θ House
Price, Clark Monroe	*Woodmere, N. Y.*	8 Woodside Ave.
Pride, Herbert Hammond	*Quincy, Mass.*	Σ Δ P House
Proctor, Hilliard Alonzo	*Corning, N. Y.*	Whitridge Hall
Quill, James Robert	*North Brookfield, Mass.*	Hunt Block
Radding, Moses Bernhard	*West Springfield, Mass.*	19 South College
Rankin, Russell Bruce	*Newark, N. J.*	8 Spring St.
Richard, Irving Edward	*Rochester, N. Y.*	Δ K E House
Riker, Joseph Marsh, Jr.	*Newark, N. J.*	Ψ Υ House
Robinson, Gain	*Springfield, Mass.*	X Φ Annex
Rothberg, Isidor Harvey	*Plainfield, N. J.*	32 South College
Scatchard, George	*Oneonta, N. Y.*	8 Spring St.
Seaman, James Alpheus	*Hoboken, N. J.*	Chemistry Laboratory
Searle, Emerson Sheldon	*Hadley, Mass.*	71 So. Pleasant St.
Simpson, John Woodruff	*East Craftsbury, Vt.*	13 Spring St.

Slocum, Winfield Scott, Jr.	*Newton, Mass.*	Δ K E House
Smith, Frank Jonathan Ernest	*Holyoke, Mass.*	Chemistry Laboratory
Smith, Frank Monroe	*Freehold, N. J.*	Δ T House
Smith, Walter Willoughby	*Uniontown, Pa.*	1 College Ave.
Steele, Jack Worthington	*Painesville, Ohio*	B Θ Π House
Stelling, Frank Palmer	*New York, N. Y.*	Θ Δ X House
Stewart, Lewis Morton	*Glen Ridge, N. J.*	Θ Δ X House
Stilwell, Lewis Dayton	*Syracuse, N. Y.*	Φ K Ψ House
Stimets, Bruce Negus	*Jersey City, N. Y.*	14 Maple Ave.
Stirn, Albert Louis	*Stapleton, N. Y.*	Ψ T House
Stone, George Lester	*Salem, Mass.*	Chemistry Laboratory
Stone, Nelson	*Wareham, Mass.*	K Θ House
Stone, Raymond Worthington	*Brookline, Mass.*	Φ Δ Θ House
Storrs, John Tyler	*Ware, Mass.*	Δ K E House
Stout, Robert Irving	*Omaha, Neb.*	X Ψ House
Stubbs, Erling Aubrey	*New York, N. Y.*	4 Lessey St.
Svirsky, Max	*Brooklyn, N. Y.*	71 So. Pleasant St.
Tappin, Clarence Leon	*Gardner, Mass.*	71 So. Pleasant St.
Thomas, Walter Frederic	*Melrose, Mass.*	Θ Δ X House
Thompson, Joseph Clemengen, 2d	*Lima, Ohio*	8 Spring St.
Tilden, James Addison, Jr.	*Hyde Park, Mass.*	Ψ T House
Vance, Clyde Fulmer	*Norwood, Mass.*	71 So. Pleasant St.
Voorhees, Judah Edgar	*Upper Montclair, N. J.*	7 Parsons St.
Wadhams, Charles Hastings	*Pittsford, N. Y.*	Whitridge Hall
Wallace, Ben Parkinson	*Washington, Ia.*	Φ K Ψ House
Walcott, Chester Lincoln	*Providence, R. I.*	K Θ House
Warner, Hunt	*Northampton, Mass.*	6 Northampton Road
Wesby, Joseph Spencer	*Worcester, Mass.*	X Φ Annex
Westcott, Ralph Wells	*Oak Park, Ill.*	Θ Δ X House
Whitney, William Henry	*West Springfield, Mass.*	19 South College
Wilcox, Sanford Potter	*Grand Rapids, Mich.*	Φ Δ Θ House
Wilcox, William Joralemon	*Madison, Conn.*	21 Main St.
Wilder, Harry Converse	*Carthage, N. Y.*	A Δ Φ House
Williamson, Gerald Humphrey	*Rochester, N. Y.*	21 Main St.
Woodruff, Donald Mark	*Dewitt, Mich.*	15 Amity St.

Freshman Class

Averill, Norman Whitehouse	*Flushing, N.Y.*	6 South College
Ballantine, Benjamin Darling	*Rahuri, India*	22 South College
Barton, Raymond Gregory	*New Milford, Conn.*	17 Amity St.
Beatty, Joseph Johnstone	*Newtonville, Mass.*	5 School St.
Bedford, Frederick Henry Jr.	*Brooklyn, N. Y.*	5 Parsons St.
Beyer, Emil Henry	*South Hadley Falls, Mass.*	
Bliss, Mervin Washington	*Webster, N. H.*	1 Woodside Ave.
Bliss, Percival Floyd	*Holyoke, Mass.*	71 So. Pleasant St.
Booth, Ralph Henry	*Springfield, Mass.*	17 Amity St.
Boutwell, Roland Hill, 2nd	*Boston, Mass.*	23 South College
Brace, Carleton Hoskins	*Gloversville, N. Y.*	7 South College
Brigham, Paul Fairbanks	*Waltham, Mass.*	17 Amity St.
Bronk, James Edmund	*Amsterdam, N. Y.*	5 South College
Brough, Frank Christopher	*Hackensack, N. J.*	8 South College
Brown, Donald Howlett	*Minneapolis, Minn.*	21 South College
Buffington, Kenneth	*Kittanning, Pa.*	21 South College
Bulger, Maurice Scott	*Uniontown, Pa.*	1 College Ave.
Burdick, Percy Jay	*Ballston Spa, N. Y.*	29 North College
Butler, Earle Dudley,	*Meriden, Conn.*	30 South College
Carpenter, John Tilney	*New York, N. Y.*	17 Amity St.
Chamberlain, Sydney Dakin	*Springfield, Mass.*	14 Maple Ave.
Child, John Randall	*Morrisville, Vt.*	11 North College
Childs, Maurice Frederick	*North Rochester, Mass.*	6 Phillips St.
Clark, Dwight Nelson	*Norfolk, Conn.*	23 North College
Cobb, Edward Sprague	*South Orange, N. J.*	13 Spring St.
Cohn, Edwin Joseph	*New York, N. Y.*	12 North College
Cowham, Robert Neil	*Jackson, Mich.*	4 Lessey St.
Creedon, Herbert	*Amherst, Mass.*	17 So. Prospect St.
Crilly, William Michael	*Chicago, Ill.*	8 North College
Cunningham, Crawford Boyer	*Pittsburgh, Pa.*	12 South College
Curry, Clarence Pratt	*Portland, Ore.*	4 North Prospect St.
Curtis, Marvin Kent	*Chicago, Ill.*	Nash Block

Cushman, Solomon Frederick, Jr.	*Monson, Mass.*	13 North College
Darrin, Ralph Mead	*Corning, N. Y.*	16 North College
DeBevoise, Charles Richmond, Jr.s	*Newark, N. J.*	Whitridge Hall
DeCastro, Allen John	*New York, N. Y.*	8 No. Prospect St.
DeVeau, Louis Burke, Jr.	*New York, N. Y.*	A South College
Dickson, John Dawson	*Angelica, N. Y.*	9 South College
Donohue, Jeremiah Joseph	*Lynn, Mass.*	32 North College
Ferris, Frank Halliday	*Ridgefield Park, N. J.*	D North College
Finch, Frank Clifford	*Endicott, N. Y.*	11 North College
Firman, Royal	*Oak Park, Ill.*	30 North College
Fiske, George Foster, Jr.	*River Forest, Ill.*	21 North College
Focht, John Hill	*Plantsville, Conn.*	10 North College
Foddy, George Richard, Jr.	*Brooklyn, N. Y.*	22 North College
Gaunt, Merrill Stanton	*Methuen, Mass.*	4 North College
Glann, Charles	*Cortland, N. Y.*	27 South College
Glass, Fred Everett	*Bangor, Maine*	13 North College
Greene, Walter Farrar	*Middletown, Conn.*	31 South College
Gundaker, Guy Harry	*Oak Park, Ill.*	29 South College
Hall, Cecil John	*New York, N. Y.*	E North College
Hall, Maynard Howes	*Ridgewood, N. J.*	14 Maple Ave.
Hanford, Robert Clinton	*Westfield, N. J.*	9 North College
Harding, Howard Charles	*Mansfield, Ohio*	Δ Υ House
Hardy, Paul Wallace	*Amherst, Mass.*	15 Lincoln Ave.
Harwood, William Bradford	*Great Neck, N. Y.*	Χ Φ Annex
Heald, Stanley	*Weymouth, Mass.*	10 South College
Hersh, Austin Herman	*Elizabeth, N. J.*	F North College
Hickson, Leslie Matheson	*Brooklyn, N. Y.*	26 North College
Hough, John Kenneth	*Erie, Pa.*	16 Maple Ave.
Hubbard, Silas Graves	*Hatfield, Mass.*	Gymnasium
Hubbard, Theodore Horace	*White Plains, N. Y.*	1 South College
Hull, Allen Birdsall	*Brooklyn, N. Y.*	23 South College
Huthsteiner, Louis	*Schenectady, N. Y.*	4 South College
Insley, Herbert	*Nanuet, N. Y.*	8 South College
Iwado, Tamotsu	*Okayama, Japan*	15 North College
Jenkins, Algernon Sidney	*Germantown, Pa.*	17 Amity St.
Jewett, Harold Ernest	*Howard, R. I.*	Hunt Block
Johnson, Herbert Brightwell	*Flushing, N. Y.*	19 North College

Kimball, Herbert Maxwell	*Amherst, Mass.*	25 Woodside Ave.
Kimball, James Richard	*Orange, Mass.*	6 North College
Kimball, Richard Montague	*Foxboro, Mass.*	6 North College
Lawrence, Ralph Alphonso	*North Leverett, Mass.*	7 Parsons St.
Lewis, Arthur John	*Whitman, Mass.*	4 North College
Livingstone, Colin	*Portland, Ore.*	4 North Prospect St.
Long, John Cuthbert	*Brooklyn, N. Y.*	18 South College
Luce, Hallock, Jr.	*Riverhead, N. Y.*	3Northampton Rd.
McClary, Horace Prescott	*Windsor, Vt.*	21 Main St.
McGay, Walter Howard	*Oak Park, Ill.*	30 North College
Mathews, Ross	*Jersey City, N. J.*	Δ K E House
Maxon, Mark Emerson	*Cortland, N. Y.*	17 North College
Miller, Stanwood	*Boston, Mass.*	9 South College
Miller, Tilford Wentworth	*Hartford, Conn.*	6 South College
Mills, Charles Morris	*St. Louis, Mo.*	31 South College
Mitchell, Alvin *s*	*Los Angeles, Cal.*	Θ Δ X House
Moodey, John Steele	*Painesville, O.*	16 North College
Morrow, William Otway	*Allenhurst, N. J.*	10 South College
Morse, George Verdi	*Berlin, Mass.*	25 North College
Moulton, Charles Henry	*Brookfield, Mass.*	15 North College
Murphy, Robert John	*Nora Springs, Ia.*	2 South College
Osterkamp, Fritz Emil *s*	*Flushing, N. Y.*	19 North College
Outwater, John Ogden	*New York, N. Y.*	27 North College
Parshall, James M	*Uniontown, Pa.*	14 South College
Patterson, Thomas King	*Mineola, N. Y.*	3 Northampton Rd.
Payne, Philip West	*Omaha, Neb.*	13 South College
Potter, Nathan Dumont	*Norfolk, Conn.*	25 South College
Pouch, Arnold Cromwell	*New Brighton, N. Y.*	28 North Pleasant St.
Prout, Charles Dusenbury	*Asbury, Park N. J.*	16 South College
Quaintance, Cregar Brough	*Golden, Colo.*	4 South College
Renfrew, Franklin Ward	*Brooklyn, N. Y.*	26 North College
Richardson, Burdick Nelson	*Davenport, Ia.*	17 Amity St.
Richmond, Clinton Whitman	*North Adams, Mass.*	17 Amity St.
Ritter, Henry App, Jr.	*Highland Park, Ill.*	Nash Block
Robinson, Orin Pomeroy	*Corning, N.Y.*	E North College
Rosenberg, Richard David	*Chicago, Ill.*	5 North College
Rugg, Clarence DeWitt	*Greenfield, Mass.*	3 Northampton Rd

Rugg, Charles Parks	*Worcester, Mass.*	28 North College
Runyan, William John	*Warren, Mass.*	17 Amity St.
Scattergood, Ernest Thomas	*Edgewood, R. I.*	14 South College
Seymour, Marlor Boardman	*Hartford, Conn.*	9 North College
Shattuck, Wendell Phillips	*Dundee, N. Y.*	29 South College
Shaw, Harold Eden	*Monson, Mass.*	1 South College
Sands, Louis Lorenzo	*Spring Lake, Mich.*	Φ Γ Δ House
Shrewsbury, Kenneth Oldham	*New York, N. Y.*	5 School St.
Shumway, Lowell	*Brooklyn, N. Y.*	14 Maple Ave.
Sicard, Hugh Charles	*Brooklyn, N. Y.*	5 Parsons St.
Smart, Daniel Stevenson	*Cambridge, N. Y.*	B South College
Smith, Walton Kimball	*Milwaukee, Wis.*	14 North College
Staats, Robart William	*Hoboken, N. J.*	2 South College
Stafford, Fred William	*Rutland, Vt.*	25 North College
Stahman, Arthur	*Brooklyn, N. Y.*	22 North College
Stearns, Douglas Clark	*Norfolk, Conn.*	23 North College
Strahan, John Windrum, Jr.	*Newark, N. J.*	15 Spring St.
Sturdivant, Frederick Arthur	*Toledo, Ohio*	14 Maple Ave.
Suydam, Frederick Dorflinger	*Honesdale, Pa.*	19 Main St.
Sweet, Stuart Louis	*Denver, Colo.*	15 Amity St.
Taylor, Frederick Chamberlain	*South Britain, Conn.*	52 South Pleasant St.
Taylor, Howard Scattergood	*Columbus, N. Y.*	30 South College
Thomas, Harold Edgar	*Providence, R. I.*	
Tierney, John James	*Holyoke, Mass.*	5 South College
Tramontana, George Benedict	*Brooklyn, N. Y.*	32 South College
Van Ingen, Richard Storrs	*Brooklyn, N. Y.*	22 South College
Wainwright, Roger Seaver	*Lawrence, Mass.*	C North College
Washburn, George Edward	*Boston, Mass.*	25 South College
Weil, Leo Lester *s*	*Chicago, Ill.*	14 Maple Ave.
Wemple, Frank Benjamin	*Schenectady, N. Y.*	9 North College
Whipple, Ralph Wheaton	*West Wrentham, Mass.*	15 Amity St.
Whittemore, Ernest Arthur	*Worcester, Mass.*	16 South College
Williams, Charles Wyatt	*Corning, N. Y.*	16 North College
Williams, Frederick Sherman	*Homer, N. Y.*	17 North College
Williams, Ralph Schuyler *s*	*Elizabeth, N. J.*	5 School St.
Wiltsie, George Harold	*Cortland, N. Y.*	4 No. Prospect St.
Young, Roswell Philip	*Elmira, N. Y.*	26 South College

Summary

Fellows	4
Graduate Students	4
Seniors	107
Juniors	105
Sophomores	138
Freshmen	144
Total	502

CLASSIFICATION BY RESIDENCE

United States

New York	153	New Hampshire	2
Massachusetts	138	Utah	2
New Jersey	41	Washington	2
Pennsylvania	27	California	1
Illinois	23	Florida	1
Connecticut	20	Indiana	1
Ohio	18	Kansas	1
Vermont	10	Maryland	1
Rhode Island	8	Montana	1
Nebraska	7	Tennessee	1
Oregon	7		
Michigan	6		496
Maine	5		
Colorado	4		
Minnesota	4		
Missouri	4		
Wisconsin	3		
Iowa	3		
District of Columbia	2		

Foreign Countries

India	2
Japan	2
France	1
China	1
	502

Award of Honors

1909-1910

COMMENCEMENT APPOINTMENTS

Carroll Salem Daniels
Walter Dillaway Draper
*Paul Adee Fancher
Weston Whitney Goodnow
*Talbot Faulkner Hamlin
Charles John Hudson
*Ollo Alson Kennedy
William Raymond Kellogg
Roger Arthur Johnson
Robert Cornelius Murray
Bertram Charles Schellenberg
*Eustace Joseph Seligman
George Bingham Taylor
*George Frisbie Whicher
Harold Edward Woodward

PHI BETA KAPPA

FIRST DRAWING (Class of 1910)

Paul Adee Fancher
Talbot Faulkner Hamlin
Roger Arthur Johnson
Robert Cornelius Murray
Eustace Joseph Seligman

SECOND DRAWING (Class of 1910)

Carroll Salem Daniels
Weston Whitney Goodnow
Ollo Alson Kennedy
Paul Aloysius San Souci
Bertram Charles Schellenberg
George Frisbie Whicher
Harold Edward Woodward

FIRST DRAWING (Class of 1911)

John Humphrey Keyes
George Bruner Parks
Arthur Eugene Pattison, Jr.
George Noyes Slayton

* Selected by competition as Commencement Speakers.

Final Honors

ASTRONOMY

Charles John Hudson
Harold Edward Woodward

CHEMISTRY

Harold Edward Woodward

ENGLISH

Talbot Faulkner Hamlin
George Frisbie Whicher

MATHEMATICS

Roger Arthur Johnson

MODERN GOVERNMENT

Ollo Alson Kennedy

PHYSICS

Charles John Hudson

SPANISH

Richard Sheldon Ould

Award of Prizes

1909-1910

HUTCHINS GREEK PRIZE—Class of 1911

George Noyes Slayton

Honorable Mention

Waldo Shumway

BERTRAM LATIN PRIZE

Talbot Faulkner Hamlin, Class of 1910

JUNIOR LATIN PRIZES—Class of 1911

First Prize: Waldo Shumway
Second Prize: George Noyes Slayton

BILLINGS LATIN PRIZES—Class of 1912

First Prize: Leland Olds
Second Prize: Van Buren Moody

FRESHMAN LATIN PRIZES

First Prize: Harold Lloyd Fraser, Class of 1912
Second Prize: Lewis Dayton Stilwell, Class of 1913

KELLOGG PRIZES

Howard Dodd Simpson, Class of 1912
Ferris Cobb Booth, Class of 1913

HARDY PRIZES—Class of 1910

First Prize: Clarence Francis
Second Prize: Max Pardoe Shoop

HYDE PRIZE—Class of 1910

Clarence Francis

BOND PRIZE—Class of 1910

George Frisbie Whicher

A. C. JAMES PRIZE

Roger Arthur Johnson, Class of 1910

WALKER PRIZES

Second Year Mathematics

First Prize: Frederick John Heinritz, Class of 1913
Second Prize: Leland Olds, Class of 1912

First Year Mathematics

First Prize: Paul Francis Good, Class of 1913
Second Prize: Raymond Witherspoon Cross, Class of 1913

PORTER ASTRONOMY PRIZE—Class of 1910

Charles John Hudson
Harold Edward Woodward

PORTER PHYSICS PRIZE—Class of 1910

Weston Whitney Goodnow

SAWYER MEDAL

Upton Prentiss Lord, Class of 1911

A. LYMAN WILLISTON PRIZES—Class of 1913

First Prize: Frederick Leslie Cadman
Second Prize: Thomas Flint Cousins

KENT PRIZE—Class of 1910
George Frisbie Whicher

FOLGER PRIZES—Class of 1910
First Prize: George Frisbie Whicher
Second Prize: Talbot Faulkner Hamlin
Third Prize: Paul Adee Fancher

HAGEN PRIZE—Class of 1911
George Bruner Parks

CLASS OF 1884 PRIZE
The Senior Class (Class of 1910)

LELAND PRIZE
The Junior Class (Class of 1911)

WOODS PRIZE—Class of 1910
Charles John Hudson

CLASS OF 1884 PRIZE IN ORATORY
James Zearing Colton, Class of 1912

SHERWIN CODY PRIZE—Class of 1913
Arthur John Mealand, Jr.

ARMSTRONG PRIZES—Class of 1913
First Prize: Henry Smith Leiper
Second Prize: Louis Goldsborough Caldwell
Third Prize: Paul Francis Good

Honorable Mention

CHEMISTRY

1910 Harold Edward Woodward
1911 Frank Rose Elder
1912 Maurice Jacob Levy
1913 Frederick John Henritz
1913 George Scatchard

ENGLISH

1910 George Frisbie Whicher
1912 Leland Olds
1911 George Noyes Slayton

FRENCH

1911 Lewis Brigham Walker
1912 Thomas Wainwright Bussòm
1912 Maurice Jacob Levy
1912 Charles Dawson Spalding

GERMAN

1913 Louis Goldsborough Caldwell
1913 Paul Francis Good

GREEK

1911 Waldo Shumway
1911 George Noyes Slayton

HISTORY

1910 Ollo Alson Kennedy

ITALIAN

1910 George Frisbie Whicher

LATIN

1911 Waldo Shumway
1911 George Noyes Slayton
1912 Leland Olds
1912 Charles Dawson Spalding
1913 Walter Weaver Moore

MATHEMATICS

1910 Charles John Hudson
1910 Roger Arthur Johnson
1911 Frank Rose Elder
1911 Sherman Crary Kittle
1911 Arthur Eugene Pattison, Jr.
1912 Maurice Jacob Levy
1912 Leland Olds
1912 Harry Haines Peirce
1913 Ralph Wells Westcott
1913 Raymond Witherspoon Cross
1913 Paul Francis Good
1913 Frederick John Heinritz
1913 John Munro Jacqueth
1913 George Daniel Olds, Jr.
1913 Herbert Hammond Pride

MODERN GOVERNMENT

1910 Ollo Alson Kennedy
1910 Bertram Charles Schellenberg
1910 Paul Aloysius San Souci

PHYSICS

1910 Harold Edward Woodward
1911 Frank Rose Elder

SPANISH

1910 Paul Aloysius San Souci
1912 Charles Dawson Spalding
1912 Maurice Jacob Levy

Degrees Conferred in 1910

Degrees in Course

Bachelor of Arts

Summa Cum Laude

Robert Cornelius Murray

Magna Cum Laude

Paul Adee Fancher
Talbot Faulkner Hamlin
Roger Arthur Johnson
Ollo Alson Kennedy
Eustace Joseph Seligman

Cum Laude

Joseph Bartlett Bisbee, Jr.
Rockwood Bullard
Carroll Salem Daniels
Walter Dillaway Draper
Weston Whitney Goodnow
Benjamin Lawrence Harris
Charles John Hudson
Alfred Decker Keator
William Raymond Kellogg
Lawrence Ledwith McClure
Richard Sheldon Ould
Paul Aloysius San Souci
Max Pardoe Shoop
John Birchard Warner
Wen Pin Wei
George Frisbie Whicher
Harold Edward Woodward

Rite

Frederic Emanuel Adler
Lindsay Cline Amos
Alfred Loranus Atwood
Edward Baldwin
Earle Alvah Barney
Lawrence Edgar Birdsall
Arthur Boardman Boynton
Morrison Russell Boynton
Graham Bentley Jacobus
Stewart Shurtleff Johnston
John Howard Keim
James Perkins Keith
Raymond Holmes Kendrick
Frederick Sylvester Knight
William Rolfe Marsh
Mylon Dickinson Merchant

Joseph Dan Brownell
George Brinton Burnett, Jr.
William Evans Clark
Earl King Collins
Harris Lorenzo Corey
Joseph Delmonte Cornell
Mitchell Benjamin DeGroot
Daniel Edwin Emrie
Edward Farrier
Ira Ellsworth Fenton
John Scott Fink
Raymond Foster Gardner
Bartow Harwood Hall
Herbert Bennett Harris
Louis Jay Heath
John Park Henry
Harry Dewey Holden
Clifford Warner Millar
Adolphus Merigold Milloy
Edward Eri Poor, Jr.
Sterling Woodford Pratt
Frank Dickinson Rugg
Benedict Hubbard Sampson
Francis Owen Sullivan
Bert King Taggart
Jared Howell Van Auken
David Wade
Harold Lawson Warner
Lansing Southworth Wetmore
Raymond Parks Wheeler
John Claflin Wight
Frederic Edwards Williams
Elbert Brinckerhoff Monroe Wortman

Bachelor of Science

Cum Laude

Bertram Charles Schellenberg

Rite

Robert Babson Alling
Henry Lawrence Avery
Ralph Heckman Beaman
Edward Thomas Bedford, 2d
Harold Sims Carter
Horace Stuart Cragin
Pierre Drewsen
Clarence Francis
William Otis Goddard
Robert Huntley Hood
Albert Riordan Jube
William Sargent Ladd
Ernest James Lawton
Daniel Cole McMartin
Abraham Mitchell, Jr.
Stuart Ten Broeck Morrison
John Porter, Jr.
David Kellogg Roberts
Charles Russell Sumpf
John Frederick Swalley
Kenneth Todd Tucker
Joseph Thomas West
Raymond Hastings Wiltsie

Lester Winfield Dann, B. A. as of the class of 1909
Clyde Bradley Marston, B. A. as of the class of 1909
Theodore Pratt, B. A. as of the class of 1909

Master of Arts

Harry Clark Barber	B. A., 1902
Alexander Cantlay Ewen,	B. A., 1903
Edgar White Burrill,	B. A., 1906
Stoddard Lane,	B. A., 1909

Honorary Degrees

Master of Arts

CHARLES TRUMBULL WHITE
WILLIS DELANO WOOD

Doctor of Divinity

CLARK SMITH BEARDSLEE
THOMAS CLAY WINN

Doctor of Laws

KENYON LEECH BUTTERFIELD
GEORGE PELTON LAWRENCE
GEORGE LOCKHART RIVES

Admission

ALL candidates for admission to College must present satisfactory testimonials of good moral character.

The subjects which may be presented in satisfaction of the requirements for admission to the Freshman class together with the number of points at which each is valued, are given in the following list. The basis of valuation is one point for a course pursued five hours per week for a school-year. A candidate for admission to the course leading to a degree must offer subjects amounting in all to fourteen points.

LIST OF SUBJECTS

Biology	½	point
Botany	½	point
Chemistry	1	point
English a	2	points
b	1	point
French a	2	points
b	1	point
German a	2	points
b	1	point
Greek I	2	points
II	1	point
Harmony	1	point
History a, b, c, d	1	point each
Latin I	3	points
II	1	point

Mathematics	I	$2\frac{1}{2}$ points
	II	$1\frac{1}{2}$ points
	b, d, f	$\frac{1}{2}$ point each
Physics		1 point
Physiography		1 point
Physiology		$\frac{1}{2}$ point

A subject not included in the above list, that has been pursued so far as to be equivalent to one or two semesters of that subject in College, may be presented, on examination, as an advanced subject.

Entrance requirements correspond to courses leading to the degrees of Bachelor of Arts and Bachelor of Science, and to the Special Course that does not lead to a degree. The requirements are indicated below in groups of studies preparatory to the several courses.

REQUIREMENTS FOR BACHELOR OF ARTS COURSE

Candidates for admission to the Freshman Class in the course leading to the degree of Bachelor of Arts must present satisfactory qualifications in one of the following groups of subjects according to the specifications given under each subject.

Group I

Latin I, II
Greek I, II
Mathematics I
English a and b
History a

In addition at least one-half point shall be made from the list on page 43.

GROUP 2

Latin I, II and Greek I
or
Greek I, II and Latin I
Mathematics I
English a and b
History a

In addition at least one and one-half points shall be made from the list on page 43.

GROUP 3

Latin I, II
or
Greek I, II
Mathematics I
English a and b
History a

In addition, if Latin is presented, at least three and one-half points, and, if Greek is presented, four and one-half points, shall be made from the list on page 43. Two of these points shall be a modern language, and one point an advanced subject. The advanced subjects are French b, German b, and Mathematics II.

REQUIREMENTS FOR BACHELOR OF SCIENCE COURSE

Candidates for admission to the Freshman Class in the course leading to the degree of Bachelor of Science must present satisfactory qualifications in the following subjects, according to the specifications given under each subject.

Latin I
Mathematics I
English a and b
History a or b or c or d
Chemistry or Physics
French a or German a

In addition at least one and one-half points shall be made from the list on page 43 of which one point shall be an advanced subject, Mathematics II, French b, German or Latin III.

A student who presents Latin I, II, at entrance may become a candidate for the degree of Bachelor of Arts by electing Latin for two college years.

REQUIREMENTS FOR SPECIAL COURSE

For admission to a special course not leading to a degree, every candidate must present twelve points, which shall include the following elementary subjects:—

Mathematics I
English a and b
History a or b or c or d
Chemistry or Physics

And one of the following advanced subjects:—

Mathematics II
French b
German b

And three and one-half points from the list on page 43.

No candidate will be accepted as a special student who does not present one of the advanced subjects.

ADMISSION SUBJECTS IN DETAIL

In the following accounts of subjects in detail, the small letters at the left represent the divisions of the subject recognized by the College Entrance Examination Board and used in designating their examination papers.

LATIN

The College has adopted the following definitions of requirements proposed by the Commission on College Entrance Requirements in Latin and will hold the first examinations under the new plan in 1911.

I. AMOUNT AND RANGE OF READING REQUIRED

1. The Latin reading required of candidates for admission to college, without regard to the prescription of particular authors and works, shall be not less in amount than Caesar, Gallic War, I-IV; Cicero, the orations against Catiline, for the Manilian Law, and for Archias; Vergil, Aeneid, I-VI.

2. The amount of reading specified above shall be selected by the schools from the following authors and works: Caesar (Gallic War and Civil War) and Nepos (Lives); Cicero (orations, letters, and De Senectute) and Sallust (Catiline and Jugurthine War); Vergil (Bucolics, Georgics, and Aeneid) and Ovid (Metamorphoses, Fasti, and Tristia).

II. SUBJECTS AND SCOPE OF THE EXAMINATION

1. *Translation at Sight.* Candidates will be examined in translation at sight of both prose and verse. The

vocabulary, constructions, and range of ideas of the passages set will be suited to the preparation secured by the reading indicated above.

2. *Prescribed Reading.* Candidates will be examined also upon the following prescribed reading: Cicero, orations for the Manilian Law and for Archias, and Vergil, Aeneid, I, II, and either IV or VI at the option of the candidate, with questions on subject-matter, literary and historical allusions, and prosody. Every paper in which passages from the prescribed reading are set for translation will contain also one or more passages for translation at sight; and candidates must deal satisfactorily with both these parts of the paper, or they will not be given credit for either part.

3. *Grammar and Composition.* The examinations in grammar and composition will demand thorough knowledge of all regular inflections, all common irregular forms, and the ordinary syntax and vocabulary of the prose authors read in school, with ability to use this knowledge in writing simple Latin prose. The words, constructions, and range of ideas called for in the examinations in composition will be such as are common in the reading of the year, or years, covered by the particular examination.

I. ELEMENTARY LATIN

(*a*) i Latin Grammar

ii Latin Prose Composition: Translation into Latin of English passages based on Caesar and Cicero.

(*b*) Caesar: *Gallic War*, Books I-IV

(*c*) Cicero: Orations, *Against Catiline*, *For Archias*, and *For the Manilian Law*.

II ADVANCED LATIN

(*d*) Vergil: *Aeneid*, Books I-VI, and so much prosody as relates to accent, versification in general, and dactylic hexameter.

(*m*) Translation at sight of prose of no greater difficulty than the easier portions of Cicero's Orations.

(*q*) Translation at sight of poetry of no greater difficulty than Vergil's *Aeneid*.

In accordance with the new regulations of the College Entrance Examination Board, (Document No. 46, August 31, 1910) the subject may be divided as follows:

(New requirements)
NR 1. Grammar.
NR 2. Elementary Prose Composition.
NR 3. Second Year Latin.
NR 4. Cicero (*Manilian Law* and *Archias*) and Sight Translation of Prose.
NR 5. Virgil (*Aeneid*, I, II, and IV or VI) and Sight Translation of Poetry.

GREEK

I ELEMENTARY GREEK

(*a*) i Greek Grammar
ii Greek Composition. Translation into Greek of short sentences illustrating common principles of syntax.
The examination in grammar and prose composition will be based on the first two books of Xenophon's *Anabasis*.
(*b*) Xenophon's *Anabasis*, Books I-IV.

II ADVANCED GREEK

(*ch*) Homer's *Iliad*, Books, I-III (omitting Book II 494-end.) and the Homeric forms, constructions, idioms and prosody. Translation of passages of Homer at sight.

(*f*) Prose composition, consisting of continuous prose based on Xenophon and other Attic prose of similar difficulty.

MATHEMATICS

I ELEMENTARY MATHEMATICS

(*a*) Elementary Algebra.

The four fundamental operations for rational algebraic expressions. Factoring, determination of highest common factor and lowest common multiple by factoring.

Fractions, including complex fractions, and ratio and proportion.

Linear equations, both numerical and literal, containing one or more unknown quantities.

Problems depending on linear equations.

Radicals, including the extraction of the square root of polynomials and of numbers.

Exponents, including the fractional and the negative.

Quadratic equations, both numerical and literal.

Simple cases of equations with one or more unknown quantities, that can be solved by the methods of linear or quadratic equations.

Problems depending on quadratic equations.

The binomial theorem for positive integral exponents.

The formulas for the nth term and the sum of the terms of arithmetical and geometric progressions, with applications.

It is assumed that pupils will be required throughout the course to solve numerous problems which involve putting questions into equations. Some of these problems should be chosen from mensuration, from physics, and from commercial life. The use of graphical methods and illustrations, particularly in connection with the solution of equations, is also expected.

(*c*) Plane Geometry.

The usual theorems and constructions of good textbooks, including the general properties of plane rectilinear figures; the circle and the measurement of angles; similar polygons; areas; regular polygons and the measurement of the circle.

The solution of numerous original exercises, including loci problems.

Applications to the mensuration of lines and plane surfaces.

II. ADVANCED MATHEMATICS

(*b*) Advanced Algebra.

Permutations and combinations, limited to simple cases.

Complex numbers, with graphical representation of sums and differences.

Determinants, chiefly of the second, third, and fourth orders, including the use of minors and the solution of linear equations.

Numerical equations of higher degree, and so much of the theory of equations, with graphical methods, as is necessary for their treatment, including Descartes's rule of signs and Horner's methods, but not Sturm's functions or multiple roots.

(*d*) Solid Geometry.

The usual theorems and constructions of good textbooks, including the relations of planes and lines in space; the properties and measurement of prisms, pyramids, cylinders, and cones; the sphere and the spherical triangle.

The solution of numerous original exercises, including loci problems.

Applications to the mensuration of surface and solids.

(*f*) Plane Trigonometry.

Definitions and relations of the six trigonometric functions as ratios; circular measurement of angles.

Proofs of principal formulas, in particular for the sine, cosine, and tangent of the sum and of the difference of two angles, of the double angle and the half angle, the product expressions for the sum or the difference of two sines or of two cosines, etc., the transformation of trigonometric expressions by means of these formulas.

Solutions of trigonometric equations of a simple character.

Theory and use of logarithms (without the introduction of work involving infinite series).

In elementary algebra and plane geometry no certificate will be accepted for work that has not been pursued or reviewed within the two years preceding the date of the student's admission to college. No certificate will be accepted for work in solid geometry, advanced algebra, or plane trigonometry. In this statement the word certificate refers to a certificate given by a preparatory school and not to a certificate of examination by a Board.

ENGLISH

Preparation in English has two main objects: (1) com-

mand of correct and clear English, spoken and written; (2) ability to read with accuracy, intelligence, and appreciation.

ENGLISH GRAMMAR AND COMPOSITION

The first object requires instruction in grammar and composition. English grammar should ordinarily be reviewed in the secondary school; and correct spelling and grammatical accuracy should be rigorously exacted in connection with all written work during the four years. The principles of English composition governing punctuation, the use of words, paragraphs, and the different kinds of whole composition, including letter-writing, should be thoroughly mastered; and practice in composition, oral as well as written, should extend throughout the secondary school period. Written exercises may well comprise narration, description, and easy exposition and argument based upon simple outlines. It is advisable that subjects for this work be taken from the student's personal experience, general knowledge, and studies other than English, as well as from his reading in literature. Finally, special instruction in language and composition should be accompanied by concerted effort of teachers in all branches to cultivate in the student the habit of using good English in his recitations and various exercises, whether oral or written.

LITERATURE

The second object is sought by means of two lists of books, headed respectively *Reading* and *Study*, from which may be framed a progressive course in literature covering four years. In connection with both lists, the student

should be trained in reading aloud and encouraged to commit to memory some of the more notable passages both in verse and in prose. As an aid to literary appreciation, he is further advised to acquaint himself with the most important facts in the lives of the authors whose works he reads and with their place in literary history.

(*a*) READING.—The aim of this course is to foster in the student the habit of intelligent reading and to develop a taste for good literature, by giving him a first-hand knowledge of some of its best specimens. He should read the books carefully, but his attention should not be so fixed upon details that he fails to appreciate the main purpose and charm of what he reads.

For students entering in 1911:—*

Shakespeare's *The Merchant of Venice* and *Julius Caesar;* Bunyan's *The Pilgrim's Progress* (Part I); *The Sir Roger de Coverly Papers* in the Spectator; Scott's *The Lady of the Lake* and *Ivanhoe;* Irving's *Sketch Book;* Macaulay's *Lays of Ancient Rome;* Tennyson's *Gareth and Lynette, Lancelot and Elaine,* and *The Passing of Arthur;* George Eliot's *Silas Marner.*

For students entering in 1912:—*

Shakespeare's *As You Like It* and *Julius Caesar;* Franklin's *Autobiography;* Goldsmith's *The Deserted Village;*

* The lists for the classes entering in 1911 and 1912 are selected from the lists adopted by the Conference on Uniform Entrance Requirements in English at meetings held in New York City on February 22, 1905, and February 22, 1908. Candidates may present other selections from those lists provided they notify the Registrar, on or before the first day of February preceding the examination, of the substitutions they wish to make.

Dickens' *A Tale of Two Cities;* George Eliot's *Silas Marner;* Irving's *Sketch Book;* Scott's *The Lady of the Lake;* Byron's *Mazeppa* and *The Prisoner of Chillon;* Macaulay's *Lays of Ancient Rome.*

For students entering in 1913, 1914, 1915:—

With a view to large freedom of choice, the books provided for reading are arranged in the following groups, from which at least ten units are to be selected, two from each group. Each unit is set off by semicolons.

I. The *Old Testament*, comprising at least the chief narrative episodes in Genesis, Exodus, Joshua, Judges, Samuel, Kings, and Daniel, together with the books of Ruth and Esther; the *Odyssey*, with the omission, if desired, of Books I, II, III, IV, V, XV, XVI, XVII; the *Iliad*, with the omission, if desired, of Books XI, XIII, XIV, XV, XVII, XXI; Vergil's *Aeneid*. The *Odyssey*, *Iliad* and *Aeneid* should be read in English translations of recognized literary excellence.

For any unit of this group a unit from any other group may be substituted.

II. Shakespeare's *Merchant of Venice; Midsummer Night's Dream; As You Like It; Twelfth Night; Henry the Fifth; Julius Caesar.*

III. Defoe's *Robinson Crusoe*, Part I; Goldsmith's *Vicar of Wakefield;* either Scott's *Ivanhoe* or Scott's *Quentin Durward;* Hawthorne's *House of the Seven Gables;* either Dickens's *David Copperfield* or Dickens's *Tale of Two Cities;* Thackeray's *Henry Esmond;* Mrs. Gaskell's *Cranford;* George Eliot's *Silas Marner;* Stevenson's *Treasure Island.*

IV. Bunyan's *Pilgrim's Progress*, Part I; *The Sir Roger de Coverly Papers* in the *Spectator;* Franklin's *Auto-*

biography (condensed); Irving's *Sketch Book*, Macaulay's *Essays on Lord Clive* and *Warren Hastings*, Thackeray's *English Humourists; Selections* from Lincoln, including at least the two Inaugurals, the Speeches in Independence Hall and at Gettysburg, the Last Public Address, and the Letter to Horace Greeley, along with a brief memoir or estimate; Parkman's *Oregon Trail;* either Thoreau's *Walden;* or Huxley's *Autobiography* and selections from *Lay Sermons*, including the addresses on Improving Natural Knowledge, A Liberal Education, and A Piece of Chalk; Stevenson's *Inland Voyage* and *Travels with a Donkey.*

V. Palgrave's *Golden Treasury* (*First Series*), *Books II and III*, with especial attention to Dryden, Collins, Gray, Cowper, and Burns; Gray's *Elegy in a Country Churchyard* and Goldsmith's *Deserted Village;* Coleridge's *Ancient Mariner* and Lowell's *Vision of Sir Launfal;* Scott's *Lady of the Lake;* Byron's *Childe Harold, Canto IV*, and *Prisoner of Chillon;* Palgrave's *Golden Treasury* (*First Series*), *Book IV*, with especial attention to Wordsworth, Keats, and Shelley; Poe's *Raven*, Longfellow's *Courtship of Miles Standish*, and Whittier's *Snow Bound;* Macaulay's *Lays of Ancient Rome* and Arnold's *Sohrab* and *Rustum;* Tennyson's *Gareth and Lynette, Lancelot and Elaine*, and *The Passing of Arthur;* Browning's *Cavalier Tunes, The Lost Leader, How They Brought the Good News from Ghent to Aix, Home Thoughts from Abroad, Home Thoughts from the Sea, Incident of the French Camp, Hervé Riel, Pheidippides, My Last Duchess, Up at a Villa—Down in the City.*

(b) Study.—This part of the requirement is intended as a natural and logical continuation of the student's earlier reading, with greater stress laid upon content, form, and style.

For students entering in 1911:—

Shakespeare's *Macbeth;* Milton's *Lycidas*, *Comus*, *L'Allegro*, and *Il Penseroso;* Macaulay's *Life of Johnson*, or Carlyle's *Essay on Burns*.

For students entering in 1912:—

Shakespeare's *Macbeth;* Milton's *Comus*, *L'Allegro*, and *Il Penseroso*, or Tennyson's *Gareth and Lynette*, *Lancelot and Elaine*, and *The Passing of Arthur;* Macaulay's *Life of Johnson*, or Carlyle's *Essay on Burns*.

For students entering in 1913, 1914, 1915:—

Shakespeare's *Macbeth;* Milton's *L'Allegro*, *Il Penseroso*, and *Comus;* Washington's *Farewell Address* and Webster's *First Bunker Hill Oration;* Macaulay's *Life of Johnson*, or Carlyle's *Essay on Burns*.

EXAMINATION

However accurate in subject-matter, no paper will be considered satisfactory if seriously defective in punctuation, spelling, or other essentials of good usage.

The examination will be divided into two parts, one of which may be taken as a preliminary, and the other as a final.

The first part of the examination will be upon ten units chosen, in accordance with the plan described earlier, from the lists headed *Reading;* and it may include also questions upon grammar and the simpler principles of rhetoric, and a short composition upon some topic drawn from the student's general knowledge or experience. On the books prescribed for reading, the form of the examination will usually be the writing of short paragraphs on several topics which the candidate may choose out of a considerable number. These topics will involve such knowl-

edge and appreciation of plot, character-development, and other qualities of style and treatment as may be fairly expected of preparatory school students. In grammar and rhetoric the candidate may be asked specific questions upon the practical essentials of these studies, such as the relation of the various parts of a sentence to one another, the construction of individual words in a sentence of reasonable difficulty, and those good usages of modern English which one should know in distinction from current errors.

The second part of the examination will include composition and those books comprised in the list headed *Study*. The test in composition will consist of one or more essays, developing a theme through several paragraphs; the subjects will be drawn from the books prescribed for *Study*, from the candidate's other studies, and from his personal knowledge and experiences quite apart from his reading. For this purpose the examiner will provide several subjects, perhaps five or six, from which the candidate may make his own selections. The test on the books prescribed for study will consist of questions upon their content, form, and structure, and upon the meaning of important words, phrases, and allusions. It is not designed, however, to require in preparation minute drill in difficulties of interpretation, unimportant allusions, or technical details. General questions may also be asked concerning the lives of the authors, their other works, and the periods of literary history to which they belong.

FRENCH

The admission requirements in elementary and advanced French are those recommended by the Modern Language

Association of America. See page 102 for college courses which correspond to the work prescribed for preparation.

a. ELEMENTARY FRENCH

The first year's work should comprise: (1) careful drill in pronunciation; (2) the rudiments of grammar, including the inflection of the regular and the more common irregular verbs, the plural of nouns, the inflection of adjectives, participles, and pronouns; the use of personal pronouns, common adverbs, prepositions, and conjunctions; order of words in the sentence, and elementary rules of syntax; (3) abundant easy exercises, designed not only to fix in memory the forms and principles of grammar, but also to cultivate readiness in reproducing natural forms of expression; (4) the reading of 100 to 175 duodecimo pages of graduated texts, with constant practice in translating into French easy variations of the sentences read (the teacher giving the English) and in reproducing from memory sentences previously read; (5) writing French from dictation.

The second year's work should comprise: (1) the reading of 250 to 400 pages of easy modern prose in the form of stories, plays, or historical or biographic sketches; (2) constant practice, as in the previous year, in translating into French easy variations upon the texts read; (3) frequent abstracts, sometimes oral and sometimes written, of portions of the text already read; (4) writing French from dictation; (5) continued drill upon the rudiments of grammar, with constant application in the construction of sentences; (6) mastery of the forms and use of pronouns, pronominal adjectives, of all but the rare ir-

regular verb forms, and of the simpler uses of the conditional and subjunctive.

Suitable texts for the second year are: About, *Le Roi des Montagnes;* Bruno, *Le Tour de la France;* Daudet's easier short tales; Bedollière, *La Mère Michel et son Chat;* Erckmann-Chatrian's stories; Foa, *Contes Biographiques* and *Le petit Robinson de Paris;* Foncin, *Le Pays de France;* Labiche and Martin, *La Poudre aux Yeux* and *Le Voyage de M. Perrichon;* Legouvé and Labiche, *La Cigale chez les Fourmis;* Malot, *Sans Famille;* Mairet, *La Tâche du petit Pierre;* Mérimée, *Colomba;* extracts from Michelet; Sarcey, *Le Siège de Paris;* Verne's stories.

b. ADVANCED FRENCH

The work should comprise the reading of 400 to 600 pages of French of ordinary difficulty, a portion to be in the dramatic form; constant practice in giving French paraphrases, abstracts, or reproductions from memory of selected portions of the matter read; the study of a grammar of moderate completeness; writing from dictation.

Suitable texts are: About's stories; Augier and Sandeau, *Le Gendre de M. Poirier;* Béranger's poems; Corneille, *Le Cid* and *Horace;* Coppée's poems; Daudet, *La Belle-Nivernaise;* La Brète, *Mon Oncle et mon Curé;* Madame de Sévigné's letters; Hugo, *Hernani* and *La Chute;* Labiche's plays; Loti, *Pêcheur d'Islande;* Mignet's historical writings; Molière, *L'Avare* and *Le Bourgeois Gentilhomme;* Racine, *Athalie*, *Andromaque*, and *Esther;* George Sand's plays and stories; Sandeau, *Mademoiselle de la Seiglière;* Scribe's plays; Thierry, *Récits des Temps Mérovingiens;* Thiers, *L'Expédition de Bonaparte en Egypte;* Vigny, *La Canne de Jonc;* Voltaire's historical writings.

GERMAN

The admission requirements in elementary and advanced German are those recommended by the Modern Language Association of America.

See page 90 for college courses which correspond to the work prescribed for preparation.

a. ELEMENTARY GERMAN

The first year's work should comprise: (1) careful drill in pronunciation; (2) memorizing and frequent repetition of easy colloquial sentences; (3) drill in the rudiments of grammar, that is, in the inflection of the articles, of such nouns as belong to the language of everyday life, of adjectives, pronouns, weak verbs, and the more usual strong verbs; also in the use of the more common prepositions, the simpler uses of the modal auxiliaries, and the elementary rules of syntax and word order; (4) abundant easy exercises designed not only to fix in mind the form and principles of grammar, but also to cultivate readiness in reproducing natural forms of expression; (5) the reading of 75 to 100 pages of graduated texts from a reader, with constant practice in translating into German easy variations upon sentences selected from the reading lesson (the teacher giving the English), and in reproducing from memory sentences previously read.

The second year's work should comprise: (1) the reading of 150 to 200 pages of literature in the form of easy stories and plays; (2) accompanying practice, as before, in translating into German easy variations upon the matter read, also in the off-hand reproduction, sometimes orally and sometimes in writing, of the substance of short

and easy selected passages; (3) continued drill in the rudiments of grammar, to enable the pupil, first, to use his knowledge with facility in forming sentences, and secondly, to state his knowledge correctly in the technical language of grammar.

Stories suitable for the elementary course can be selected from the following list: Andersen, *Märchen* and *Bilderbuch ohne Bilder;* Arnold, *Fritz auf Ferien;* Baumbach, *Die Nonna* and *Der Schwiegersohn;* Gerstäcker, *Germelshausen;* Heyse, *L'Arrabbiata*, *Das Mädchen von Treppi*, and *Anfang und Ende;* Hillern, *Höher als die Kirche;* Jensen, *Die braune Erica;* Leander, *Träumereien* and *Kleine Geschichten;* Seidel, *Märchen*, Stokl, *Unter dem Christbaum;* Storm, *Immensee* and *Geschichten aus der Tonne;* Zschokke, *Der zerbrochene Krug.*

The best shorter plays available are: Benedix, *Der Prozess*, *Der Weiberfeind*, and *Günstige Vorzeichen;* Elz, *Er ist nicht eifersüchtig;* Wichert, *An der Majorsecke;* Wilhelmi, *Einer muss heiraten.* Only one of these plays need be read, and the narrative style should predominate. A good selection of reading matter for the second year would be Andersen, *Märchen*, or *Bilderbuch*, or Leander, *Träumereien*, to the extent of about forty pages. Afterward, such a story as *Das kalte Herz*, or *Der zerbrochene Krug;* then *Höher als die Kirche*, or *Immensee;* next a good story by Heyse, Baumbach, or Seidel; lastly *Der Prozess.*

b. ADVANCED GERMAN

The work should comprise in addition to the elementary course, the reading of about 400 pages of moderately difficult prose and poetry, with constant practice in giving,

sometimes orally and sometimes in writing, paraphrases, abstracts, or reproductions from memory of selected portions of the matter read; also grammatical drill in the less usual strong verbs, the use of articles, cases, auxiliaries of all kinds, tenses and modes (with especial reference to the infinitive and subjective), and likewise in word order and word formation.

Suitable reading matter for the third year can be selected from such works as the following: Ebner-Eschenbach, *Die Freiherren von Gemperlein;* Freytag, *Die Journalisten* and *Bilder aus der deutschen Vergangenheit,* for example, *Karl der Grosse, Aus den Kreuzzügen, Doktor Luther, Aus dem Staat Friedrichs des Grossen;* Fouqué, *Undine;* Gerstäcker, *Irrfahrten;* Goethe, *Hermann und Dorothea* and *Iphigenie;* Heine's poems and *Reisebilder;* Hoffman, *Historische Erzählungen;* Lessing, *Minna von Barnhelm;* Meyer, *Gustav Adolfs Page;* Moser, *Der Bibliothekar;* Riehl, *Novellen,* for example, *Burg Neideck, Der Fluch der Schönheit, Der stumme Ratsherr, Das Spielmannskind;* Rosegger, *Waldheimat;* Schiller, *Der Neffe als Onkel, Der Geisterseher, Wilhelm Tell, Die Jungfrau von Orleans, Das Lied von der Glocke, Balladen;* Scheffel, *Der Trompeter von Säkkingen;* Uhland's poems; Wildenbruch, *Das edle Blut.* A good selection would be: (1) one of Riehl's novelettes; (2) one of Freytag's "pictures"; (3) part of *Undine* or *Der Geisterseher;* (4) a short course of reading in lyrics and ballads; (5) a classical play by Schiller, Lessing, or Goethe.

HISTORY

(Including Historical Geography)

(*a*) Ancient History, including the history of Greece to

the death of Alexander and the history of Rome to 814 A. D.

(*b*) Mediæval and Modern History, from 814 to the present time.

(*c*) English History.

(*d*) American History.

PHYSICS

A course extending through one year, involving both class exercises and laboratory work. The class work should include careful study of the whole subject as presented in some good text-book of high school grade. The candidate should perform not less than thirty-five experiments requiring careful measurements. When the candidate takes the examination, his note-book containing the original records of these experiments and his reports on the work should be presented, properly certified by the instructor.

CHEMISTRY

The examination will include illustrations from any of the following topics in non-metallic chemistry.

Properties of the principal acid-forming elements and their compounds; simple problems on relations by weight; relations between gas-volumes and the weights of chemically related solids; acids, bases, and salts; formation of acids and bases from their salts; valence; series of oxy-acids and their salts; oxidation and reduction; acid anhydrides; hydrated and poly-acids.

PHYSIOGRAPHY

Dryer's *Physical Geography* or Davis's *Elementary Physical Geography*, with laboratory work and excursions for

observations of land features. Note-book and laboratory records endorsed by the teacher must be submitted at the time of taking the examination.

PHYSIOLOGY

The candidate should complete a course of recitation and laboratory work of not less than forty hours, including the study of the structure of the principal organs of the human body, and especially their working. The emphasis should be placed on function. An elementary knowledge of personal hygiene as the practical application of this science is required.

The following text-books are recommended: Hough and Sedgwick's *The Human Mechanism*, Martin's *The Human Body* (elementary course), Fitts' *Physiology and Hygiene*, Eddy's *Text Book in General Physiology and Anatomy.*

BIOLOGY

The candidate should complete a course of recitations and laboratory exercises occupying five hours a week, through not less than a half year; the course to include an outline of the animal kingdom, together with the classification, habits, and economic importance of the animals in the various divisions. The laboratory drawing and note-book, properly certified, should be presented at the examination. The New York State Regents' recommendation for Elementary Zoology in their Syllabus for Secondary Schools is the standard.

BOTANY

The candidate should complete a course of recitation

and laboratory work of not less than five hours a week for one half of a school year. The class work should cover the structure and important physiological processes of flowering plants. The candidate should present at the time of taking the examination a laboratory book properly certified by the instructor. No credit will be given for an herbarium. The following text-books are recommended: Bergen's *Foundations of Botany*, Coulter's *Plant Relations* and *Plant Structures*, Leavitt's *Outlines of Botany*, Stevens's *Introduction to Botany*.

HARMONY

The candidate should acquire: (1) the ability to harmonize in four vocal parts simple melodies of not fewer than eight measures, in soprano or in bass. The harmonization of such melodies requires a knowledge of triads and inversions, of diatonic seventh chords and their inversions, in major and minor modes, and of modulation, transient or complete, to nearly related keys. (2) A knowledge of analysis of ninth chords, of all non-harmonic tones, and of altered chords.

Systematic ear-training (as to interval, melody, and chord) is urgently recommended as part of the preparation for this examination. A full knowledge of the rudiments of music, scales, intervals, and staff notation, is expected.

EXAMINATIONS FOR ADMISSION

Examinations are held twice each year, in June and in September, the June examinations being those given by the College Entrance Examination Board. On recom-

mendation by the Principal of their school, candidates are allowed to take examinations in any of the subjects required for admission.

PRELIMINARY EXAMINATIONS

The candidate may, at his option, take his examinations in two parts, preliminary and final, thus dividing his subjects between two years. The preliminary examination will cover the whole of each subject designated by a small letter; for example Mathematics a, Latin c, which may not be divided between the preliminary and final examination. Credits given for preliminary examinations are valid for fifteen months only. Candidates are advised to reserve for their final examinations the following subjects: Homer, Vergil, Greek and Latin prose composition, Algebra or Geometry, and English b.

EXAMINATIONS IN JUNE

The entrance examinations in June are those of the College Entrance Examination Board, in which Amherst College holds membership. All applications for such examinations must be made to the Secretary of the College Entrance Examination Board, Post Office Sub-Station 84, New York, N. Y., from whom all information regarding the examinations may be obtained. These examinations are conducted annually at many places in the United States and Canada, including Amherst.

In 1911, the entrance examinations of the College Entrance Examination Board will be held June 19-24.

All applications for examinations must be addressed to the Secretary of the College Entrance Examination Board, Post Office Sub-

Station 84, New York, N. Y., and must be made upon a blank form to be obtained from the Secretary of the Board upon application.

Applications for examination at points in the United States east of the Mississippi River, also at Minneapolis, St. Louis, and other points on the Mississippi River, must be received by the Secretary of the Board at least two weeks in advance of the examinations, that is, on or before Monday, June 5, 1911; applications for examination elsewhere in the United States or in Canada must be received at least three weeks in advance of the examination, that is, on or before Monday, May 29, 1911; and applications for examination outside of the United States and Canada must be received at least five weeks in advance of the examinations, that is, on or before Monday, May 15, 1911.

Applications received later than the dates named will be accepted when it is possible to arrange for the admission of the candidates concerned, but only upon the payment of $5.00 in addition to the usual fee.

The examination fee is $5.00 for all candidates examined at points in the United States and Canada and $15.00 for all candidates examined outside of the United States and Canada. The fee (which cannot be accepted in advance of the application) should be remitted by postal order, express order, or draft on New York to the order of the College Entrance Examination Board.

A list of the places at which examinations are to be held by the Board in June, 1911, will be published about March 1. Requests that the examinations be held at particular points, to receive proper consideration, should be transmitted to the Secretary of the Board not later than February 1.

The marks given by the Board to the papers of the candidate will be accepted by Amherst College upon the same terms as the results of the examinations held by the college in September.

Examination papers are not sent out from the College to preparatory schools.

EXAMINATIONS IN SEPTEMBER

The September examinations are given only by the

College, at Amherst. These examinations are held in Room 5, Walker Hall, on Friday, Saturday, Monday, Tuesday, and Wednesday, September 15-20, 1911.

For the examinations in September a fee of five dollars is charged, payable to the Treasurer of the College at the time of registration. Credit will be given for this amount on the first term-bill, due at the beginning of the student's first semester in college.

The order of examinations in September is as follows:

	FRIDAY		
9 A.M.	Registration	1:30 P.M.	Greek I
10 A.M.	Biology		Chemistry
	Physiology	3:30 P.M.	Greek II
	Botany		Physics
	Harmony		
	Physiography		
	SATURDAY		
8 A.M.	French a	1:30 P.M.	French b
10 A.M.	German a	3:30 P.M.	German b
	MONDAY		
8 A.M.	Mathematics c	1:30 P.M.	English a
	Mathematics d		English b
10 A.M.	Mathematics f		
	TUESDAY		
8 A.M.	Mathematics a	1:30 P.M.	Latin I
	Mathematics b	3:30 P.M.	Latin II
	WEDNESDAY		
8 A.M.	History a		
	History b		
	History c		
	History d		

For Porter Admission Prize see page 142

Candidates are also admitted upon presentation of rectificates from preparatory schools or certificates of examination by an Examination Board.

ADMISSION BY CERTIFICATE

From certain preparatory schools of approved standing, certificates of fitness to enter College are received in place of entrance examinations; but such certificates must be filled out in detail in accordance with forms printed by the College and furnished to principals of such schools upon application to the Registrar.

In order to meet the full requirements in these subjects, certificates in Greek and Latin must specify that the candidate has pursued a systematic course of study, not less than five hours a week, during three school years for Greek and four for Latin. In elementary algebra and plane geometry no certificate will be accepted for work that has not been pursued or reviewed within the two years preceding the date of the student's admission to College. No certificate will be accepted for work in solid geometry, advanced algebra, and plane trigonometry. No certificate will be accepted for work in French and German, or in advanced Mathematics. In general the amount of work required in each subject is indicated in the detailed description already given under subjects for examinations.

Certificates will be received from those schools in New England which have been approved by the New England College Entrance Certificate Board. Principals of schools in New England who desire the certificate privilege should address the Secretary of the Board, Professor Nathaniel F. Davis, 159 Brown Street, Providence, Rhode Island.

Certificates are received from those schools outside of

New England which have been approved by this college. In determining the eligibility of these schools to the certificate privilege the College follows in general the method of the New England Board. From schools which for four consecutive years have sent no students to this college the certificate privilege is withdrawn unless exception is made by the Faculty.

ADMISSION BY CERTIFICATE OF EXAMINATIONS

The pass-cards, certificates, and diplomas given by the Regents of the University of the State of New York are accepted in place of entrance examinations in subjects which they cover. It is to be noted, however, that in Mathematics such certificates are accepted only so far as they cover the requirements of Amherst College, stated on page 50.

Certificates of the New York State Examination Board are accepted.

CONDITIONS

A candidate may be admitted even if he has some deficiencies in the studies required; but no student is allowed to remain in College over two years with an entrance condition. The precise number of deficiencies allowed is not specified, but each case is considered on its merits.

ADMISSION TO ADVANCED STANDING

No student is admitted to advanced standing later than the beginning of Senior year.

Candidates for advanced standing are examined in the studies that have been pursued by the class they wish to enter; also in the requirements for admission to College.

A student from another college should present a letter of honorable dismissal, together with a detailed, certified statement of the work done by him in each department of study at the college from which he comes. Credit is given for all such work, if certified by a college of acknowledged standing. For the particular books in Greek, Latin or modern languages studied by each class, and indicated in this catalogue, equivalent amounts may be offered from other books in the same language; but prose will not be accepted for poetry. For special examinations for advanced standing a fee of three dollars is charged in each subject.

Courses of Instruction

ALL courses are assigned three hours each week, except Mathematics 1 and 2 and Greek A, which are four-hour courses, and Chemistry 3, 4, 5, 6, which are six-hour laboratory courses. In the numbering of the courses an odd numeral denotes the first semester, an even numeral the second semester.

Every student is required to take five courses in each semester of Freshman, Sophomore, and Junior years. During Senior year ten semester courses must be taken, one of which may be Debates, and at least four of the ten courses shall be completed in the last semester. No student is allowed to take more than six courses in a semester. For courses open to the several classes, see page 79.

Credits for subjects previously taken may not be used to reduce the number of courses required in any semester, nor as substitutes for delinquencies subsequently incurred.

Studies of Freshman Year

In Freshman year all students are required to take mathematics and English both semesters, hygiene one semester, and declamation one semester.

Those who present for admission both Latin and Greek are required to study those languages the first year, unless they have presented, in addition to Latin and Greek, a modern language, elementary and advanced, in which case they may elect a modern language the first year instead of one of the ancient languages. In either case they

must choose in addition one study from the list of Freshman electives, as directed by the plan on page 76.

Those who present for admission only one ancient language, Latin I and II or Greek I and II, are required to study that language the first year and also a modern language, together with one other study from the list of Freshman electives, as directed by the plan on page 76.

Candidates for the degree of B. S. who are not credited with Latin II or Greek II are required to take two modern languages, one of which must be German, and in addition one other study from the list of Freshman electives, as directed by the plan on page 76; but those who have presented both Latin I and II may become candidates for the degree of B. A. by taking the Latin of Freshman and Sophomore years, which may be chosen in place of one of the two modern languages otherwise required.

The Latin of Freshman year may be taken only by those students who have completed both Latin I and II, unless the Latin Department gives its approval to the election of Latin A and Latin I as parallel courses.

Freshmen who have credits in required studies may elect in place of them courses offered to the Sophomore class.

Freshman Electives

Biology 1-2	Chemistry 1-2
French 1-2, 3-4, 5-6	German 1-2, 3-4, 5-6
Greek A	Greek B
Italian 1-2	Latin A
Mathematics 11-12, or 14	Spanish 1-2

Those who have Freshman Greek may choose Greek 2 or 4 the second semester.

Studies of Sophomore, Junior and Senior Years

After Freshman year all courses are chosen in accordance with the plan printed on page 76, except that declamation in Sophomore year is required. Choices are made for the year and may be changed only by permission of the Administration Committee. No change of elective will be allowed later than the fourth week of the first semester.

Choice of electives for the following year must be made on or before the second Saturday in June. When choices are not made by the specified time, a fee is imposed, two dollars for the first day and fifty cents for each subsequent day's delay during the regular college session. When a change of electives is made a fee of two dollars is imposed which must be paid when the petition is filed.

These requirements, so far as they prescribe year courses and the plan of electives on page 76 do not apply to the class of 1912.

RULES FOR ELECTING STUDIES

Elections are to be made in accordance with the plan printed below. On account of the prescribed studies in Sophomore year and the requirements of three majors and one minor during the course, a careful study should be made of the requirements printed on pages 77-78. Attention is particularly directed to the requirement that one or two courses of the Freshman year shall be pursued as majors during the Sophomore and Junior years.

The card of elections must be approved and signed by a member of the Instruction committee before it is handed in.

B. A. B. S.

FRESHMAN YEAR

	Group I	Groups II and III		
1.	Mathematics	Mathematics	Mathematics	
2.	English	English	English	
3.	Latin	Ancient Language	German	
4.	Greek	Modern Language or	Romance Language	
5.	Biology or Chemistry	Greek B		
		Biology or Chemistry or French, German, or Greek A*	Biology, Chemistry or Latin A†	

SOPHOMORE YEAR

1.	Ancient Language	1.	Modern Language
2.	Modern Language	2.	Physics
3, 4.	Two Subjects from English, History and Group A‡	3.	English
		4.	History or Group A
5.	Elective	5.	Elective

JUNIOR YEAR

1. Major 1§
2. Major 2
3. Major 3
4. Group B‖
5. Elective

*Students who enter under Groups II and III and elect a modern language or Greek A as their fifth course in Freshman year are required to elect one year of Biology, Chemistry or Physics in Sophomore year.

† By taking Latin A a student does not qualify himself for the B.A. degree.

‡ Group A includes Biology, Chemistry, Physics, Mathematics.

§ For definition of Major and Minor see page following.

‖ Group B includes Group A, Geology, Philosophy, and Economics.

SENIOR YEAR

1. Major 2 (or Elective in case Major 2 has been completed at the end of Junior year)
2. Major 3
3. Minor
4. Elective
5. Elective

A major is a subject studied six semester courses; a minor a subject studied four semester courses. Each student is required to complete three majors and one minor during the course. At the end of Freshman year each student must indicate among his Freshman subjects 1 or 2 majors which he will pursue through Junior year. At the end of Sophomore year he must indicate 2 or 1 majors which he will pursue through Senior year. These may be (1) subjects which he has already studied in Sophomore year, or (2) subjects in which it is possible for him to elect parallel courses in either Junior or Senior year. At the end of Junior year he must indicate among his Junior subjects one minor which he will pursue through Senior year. Parallel courses in Junior year do not constitute a Minor.

REGULATIONS

I

Candidates for the degree of B. A. must complete one year of Biology, Chemistry, or Physics, as indicated in the plan on page 76.

II

Candidates for the degree of B. S. must complete second year German, second year French, Italian, or Spanish, Sophomore English, Physics 1, 2 in Sophomore year, and ten courses which are to be chosen from Sciences, Mathematics, or Economics, though not more than two courses in Economics may be so reckoned among the ten courses. Sciences taken in Freshman year are included in the ten courses, but the Freshman courses in Mathematics are not so included.

III

No course of less than a year in any subject may be counted toward a degree, except as provided by correlation of subjects in VI, VII, and VIII.

IV

Not more than two courses may be taken simultaneously in one subject to count toward a degree.

V

No student may elect more than eight semester courses in any subject unless he is permitted to do so by the department and the Instruction Committee. In reckoning these eight courses in the English department the courses of Freshman and Sophomore years are not included.

VI

Modern Government 2 preceded by Economics 1 or Public Speaking 5 in the first semester of Junior year may be counted as a year course, which with Modern Government 3, 4 may constitute a minor.

VII

Art 1 with Art 2 or any second semester Greek course, or Art 2 with any first semester Italian course, may constitute a year course.

VIII

Astronomy 2 preceded by Physics 3 or 5, or Mathematics 3 or 5, in the first semester of Junior year, may be counted as a year course, which with Astronomy 3, 4 may constitute a minor.

IX

Early in his college course the student should note the prerequisites of the various departments, and especially of the scientific courses, in order that he may not be prevented from making the elections which he desires.

LIST OF ELECTIVES

Sophomores and Juniors elect five courses each semester. In the Senior year ten courses are required, at least four of which shall be completed in the second semester.

	Sophomore Year	Junior Year	Senior Year
Art		1, 2	
Astronomy		1, 2	4
Biblical Literature		1, 2	3, 4
Biology	3, 4, 5, 6	9, 10	11, 12
Chemistry	1 to 4	5, 6	7 to 10
Economics		1, 2, 4, 8	9 to 18
Education			1, 2
English	5, 6	7 to 14, 23, 24	17 to 22
French	1 to 8	9, 10	
Geology		1, 2	3 to 8
German	1 to 10		11, 12
Greek	A, 1 to 4, 10	5 to 12	
History	1, 2	3 to 10, 13, 14	11, 12
Italian	1, 2	3 to 6	
Latin	A, 1 to 4	5, 6	7, 8
Mathematics	3, 4, 11, 12	5, 6	7 to 10
Modern Government		2	3, 4
Music	1, 2	3,4	5,6
Philosophy		1, 2, 4, 6	7 to 10
Physics	1, 2	3 to 6	7, 8
Public Speaking		5	7
Spanish	1, 2	3 to 6 and any preceding course	and any preceding course

Studies of Special Students

Special students shall take as many courses as are taken by regular students. The first year they shall study the modern language in which they are prepared, and the required studies of Freshman year for which they are prepared, except such subjects as they have already taken.

Other studies may be chosen from Biology, Chemistry, Physics, Modern Languages, and History. After the first year all studies are elective.

Extra Courses

A student who has an average of not less than 70 in the previous semester, and has not failed in any course in that semester, may elect six courses. In all other cases extra courses may be taken only with the approval of the Administration Committee.

Petitions for such courses shall be made on blanks furnished by the Registrar's office. The student shall indicate on his schedule the course which is extra. After two weeks the Registrar may not change an extra course to a regular course without the consent of the Administration Committee. Credit is not given for an extra course, unless it is taken as a substitute for a previous delinquency or to enable the student to graduate in less than four years. Credits for extra courses may not be substituted for delinquencies subsequently incurred. A student who has failed to complete the required number of studies in any semester is not permitted to take an extra course in the following semester, unless exception is made by the Administration Committee.

Public speaking in the first semester of Junior year may not be taken as an extra course.

Credit for one semester course is given for every four semesters' rehearsal and concert work in the music department, and this credit shall count as a regular course in the semester in which it is received.

ART

Professor Smith

1. Greek Art. Sculpture and architecture, introduced by a brief study of the nature and functions of art. Lectures illustrated by photographs, casts, lantern slides. Collateral reading, with reports on assigned topics.

Professor Baxter

2. Roman and Italian Art. (*a*) Roman architecture; Italian architecture, including early Christian, Byzantine, Romanesque, Gothic, and Renaissance. (*b*) Italian sculpture; five lectures. (*c*) Italian painting of the Renaissance; twenty-five lectures. All lectures illustrated by stereopticon. Collateral reading and study of photographs.

ASTRONOMY AND NAVIGATION

Professor Todd

1. General and descriptive astronomy. Todd's *New Astronomy;* lectures upon the history of astronomy. Observations with telescopes and other apparatus, as laboratory practice. Determinations of time.

(Physics 2 requisite.)

2. Practical astronomy (Campbell, Souchon); *Theoretical Astronomy* (Watson); observatory work with equatorial, transit, and spectroscope.

(Mathematics 1, 2, 5, and 6 and Astronomy 1 requisite.)

The course includes the theory of the construction, adjustment, and use of the instruments of the observatory, and each student makes observations, and completely calculates, or reduces them. Also the theory of practical computation, the construction of tables of the motions of the heavenly bodies, and of the Astronomical Ephemeris and Nautical Almanac.

4. History of navigation; instruments of navigation; compass errors and their correction; finding the ship's position; sextant practice.

(Mathematics 1, 2, and Astronomy 1 requisite.)

BIBLICAL LITERATURE

Professor Genung

1. The formative centuries, to the time of the literary prophets. Lectures, essays, discussions.
2. Prophecy and other literature to the Babylonian exile.
3. Post-exilic literature; coming of the Son of Man.
4. Literature of the apostolic era.

BIOLOGY

Professors Tyler and Loomis, and Mr. Goodrich

1. Systematic and economic zoology of the invertebrates.

Laboratory work two hours per week.

2. Systematic and economic zoology of the vertebrates.

Laboratory work two hours per week.

3. Evolution of the animal kingdom.

Laboratory work includes dissection or microscopic study of the principal forms of animal life. The lines of evolution leading to higher animals and man are traced as far as possible. The laws governing human development and the structures and affinities of the great divisions of the animal kingdom are investigated.

4. Evolution and distribution of the vertebrates.
(3 prerequisite.)

Mr. Goodale

5, 6. General structural, physiological, and economic botany of the flowering plants.

Two hours laboratory or field work each week.

7, 8. Evolution of the plant kingdom. (*Omitted in* 1910-1911).

The progress of plant life from the lower to the higher forms is studied by means of lectures and laboratory work upon certain types selected as representative of the main groups of plants.

Professors Loomis and Phillips

9. Anatomy, including Comparative Anatomy of the Vertebrates, taken up from the point of view of the origin of the structures of the human body.

Professor Phillips

10. Human Physiology.
(9 prerequisite.)

Professor Loomis

11. Biological problems, especially those connected with heredity.
(3 prerequisite.)

Professor Tyler

12. Anthropology.
(3 prerequisite.)

CHEMISTRY

Professors Hopkins, Hall, and Doughty

1. Fundamental laws. The non-metallic elements and their compounds.

2. The metallic elements and their compounds.

Professor Doughty

3. Qualitative Analysis. Reactions and detection of the common metals and acids.
(1, 2 requisite.)

4. Organic chemistry. An introduction to the chemistry of the compounds of carbon. General theory of organic chemistry and preparation of typical compounds.
(1, 2, and 3 requisite.)

Professor Hall

5. Quantitative analysis, chiefly laboratory work in gravimetric and volumetric analysis.
(1, 2, and 3 requisite.)

6. Quantitative analysis; a continuation of 5.

7. Elementary physical chemistry. The topics considered in this course include the following: Determination of atomic weights, relations between atomic weights and properties, simple gas laws, relations between gases and liquids, osmotic pressure and gas pressure, determination of molecular weights of gaseous and dissolved substances, thermochemical change, electrolytic dissociation, chemical equilibrium, phase rule.

(Physics 1, 2 and Chemistry 1, 2, 3 requisite.)

PROFESSOR DOUGHTY

8 and 10. Organic or inorganic preparations. Laboratory work and assigned reading. Hours by appointment. A minimum of two three-hour periods in the laboratory per week, or the equivalent, will be required. Substances will be prepared illustrating various methods of manipulation, and, in general, involving more difficult methods of preparation than those prepared in course 4.

(Open with the permission of the instructor, to students properly qualified.)

(Chemistry 1, 2, 3, and 4 requisite for organic preparations. Chemistry 1, 2, 3, and 4, 5 or 7 requisite for inorganic preparations.)

Every course in chemistry includes lectures, recitations, and laboratory work—except as indicated in 5, 6, 8 and 10.

ECONOMICS

PROFESSORS CROOK AND CLARK

1. Outlines of Economics. Seager's *Economics, Briefer Course;* John Stuart Mill's *Principles of Political Economy.*

PROFESSOR CROOK

2. Socialism and Social Problems. Spargo's *Socialism;* and the writings of other socialists and social reformers.

PROFESSOR CLARK

4. Transportation. Johnson's *Elements of Transportation;* McPherson's *Railroad Freight Rates*, etc.

PROFESSOR CROOK

8. Labor Problems, including trades-unionism and the wage question. Adams and Sumner's *Labor Problems*. (*Omitted in* 1910-1911.)

9. Public Finance. The principles of public revenues and expenditures, with special emphasis on the problems of taxation.

PROFESSOR CLARK

10. Financial History of the United States.

11. Money and Banking.

12. Corporations and Trusts. (*Omitted in* 1910-1911.)

PROFESSOR CROOK

13. Advanced Economic Theory. Assigned readings in the English Classical Economists, and the works of the modern English, Austrian, and American writers.

14. Advanced Economic Theory. Course 13 continued.

Course 1 is open to Juniors and Seniors; courses 2, 4, 8, 10, and 12 are open to Juniors and Seniors who have had Economics 1; and courses 9, 11, and 13 are open to Seniors who have had Economics 1.

The department conducts a seminar course during the winter months, to which those are admitted who have attained high standing in Economics 1.

EDUCATION

PROFESSOR KOHL

1. Principles of Education; a study of the meaning, aims, and methods of education. Lectures, readings, and discussions.
2. Continuation of 1.

ENGLISH

PROFESSORS UTTER AND HAMILTON, MR. ANDREWS, AND DR. PORTER

1. Composition; exposition; themes and conferences; reading in standard authors.
2. Continuation of 1; description and narration.

PROFESSORS UTTER AND HAMILTON, AND MR. ANDREWS

5. General introduction to English literature, from the time of Chaucer to the Romantic movement; themes and conferences.
6. Continuation of 5. English literature of the nineteenth century; themes and conferences.

English 5 is requisite to English 6. The courses aim to present a wide variety of literary types and figures, that the student may determine his interests and prepare for more special study in other courses, and at the same time gain a general knowledge of the nature and extent of English Literature.

Professor Genung

7. English literature of the Victorian age; essayists and critics; lectures, readings, discussions.

8. Continuation of 7; the Victorian poets.

Dr. Porter

9. The Drama as a species of art, its aims, principles, and methods; Greek, Roman, French, German, and English dramas as examples and illustrations. (*Omitted in* 1910-1911.)

10. The English Drama; rise and development; works of the predecessors of Shakespeare; the dramatic art of Shakespeare. (*Omitted in* 1910-1911).

11. The English Drama; rise and development; the predecessors of Shakespeare; Shakespeare.

12. Continuation of 11.

Professor Utter

13. The English Novel; its form and development; themes and conferences.

14. Continuation of 13.

(13 prerequisite.)

Professor Hamilton

15. Elizabethan literature, 1557-1604; study of lyric and dramatic poetry; early English prose.

16. English literature of the seventeenth century; study of the English epic; the early novel; the development of modern prose.

Professor Utter

17. Advanced composition.

Open, with the permission of the instructor, to Seniors and to specially qualified Juniors.

18. Continuation of 17.

Dr. Porter

19. Critical study of English poets: Pope, Cowper, Burns, Byron, Shelley, Wordsworth.

20. Continuation of 19.

For English 19 and 20, two courses chosen from 7 to 16 are requisite as precedent or parallel courses.

21. Old English (Anglo-Saxon). Cook-Sievers's *Grammar of Old English;* Sweet's *Anglo-Saxon Primer;* Bright's *Anglo-Saxon Reader; Beowulf;* lectures on the origin and development of Old English. (*Omitted in* 1910-1911.)

22. Old English Poetry. *Beowulf* continued; Middle English, especially Chaucer; *Prologue* to the *Canterbury Tales;* lectures on the history of Middle English, and its development into Modern English; Sweet's *Second Middle English Primer.* (*Omitted in* 1910-1911).

23. Old English Literature.

This course is given alternate years with the linguistic course 21, and is devoted to the literature of the period. Knowledge of Anglo-Saxon is not required.

24. Middle English Literature.

This course is given alternate years with 22. Special attention is paid to the Middle English lyrics, *Piers Plowman*, the Arthurian tales, the Mystery plays, Chaucer. Knowledge of Middle English is not required.

GEOLOGY

Professor Emerson and Mr. Kimball

1. Structural and dynamical geology and physio-

graphy. Six excursions required, generally on Wednesday or Saturday.

(Physics 1, 2, and Chemistry 1, 2, requisite.)

2. Historical geology, palaeontology. Two excursions required, generally on Wednesday or Saturday.

(1 requisite, Biology 1, 2, desirable.)

3. Field and laboratory geology. Two full afternoons a week required.

(Geology 1, 2 requisite.)

4. Mineralogy continued until the weather allows field work, then a survey of an area of massive or crystalline rocks. Two full afternoons a week.

(Geology 1, 2 requisite.)

5. General course in mineralogy and crystallography.

(Chemistry 1, 2 and Geology 1, 2, 3 requisite.)

6. Optical mineralogy, petrography.

(5 required.)

7. Palaeontology. Special study of invertebrate animals or of plants.

(Geology 1, 2 and Biology 1, 2 or 7. 8 requisite.)

8. Continuation of 7.

GERMAN

Professors Eastman and Manthey-Zorn

1. Elementary course; grammar, pronunciation, composition, colloquial exercises.

2. Continuation of 1; composition, syntax, translation from prose selections.

3. Prose composition, with review of grammar; reading of modern prose.

4. Schiller and Goethe: a representative work of each author; composition and free reproduction.

5a. Goethe's dramas; lectures and essays.

5b. The German drama of the nineteenth century: Grillparzer, Hebbel; lectures and essays.

6. Goethe, *Faust;* lectures on the history of the Faust legend; Goethe's life; essays.

Professor Eastman

7, 8. The German novel of the nineteenth century. (*Omitted in* 1910-1911.)

Open to students of high rank.

Professor Manthey-Zorn

9. The German classical drama of the 18th century.

10. The German drama of the 19th century and contemporary drama.

Open to students of high rank.

Courses 7, 8 are given alternate years with 9, 10.

Professor Eastman

11. Middle High German; grammar; reading of selections from the *Nibelungenlied.*

12. Middle High German; Walther von der Vogelweide and other Minnesingers.

(Two semesters in addition to 5 and 6 requisite.)

GREEK

Professor Elwell

A. Course for students beginning Greek. *Anabasis* and prose composition; four hours a week through the year.

B. Course for students continuing Greek. *Iliad* and prose composition; three hours a week through the first semester.

These courses are given to three or more students, on application.

1. Homer, *Odyssey*.
2. Lysias.

Professor Smith

3. Greek drama. Sophocles, *Electra;* Euripides, *Troades;* lectures on the development of tragedy and the theatre; study of other selected dramas in an English translation.
4. Plato, *Apology* and *Crito* and parts of the *Phaedo;* Xenophon, *Memorabilia;* lectures and reading on the life and influence of Socrates.

Open to Freshmen who have had Greek 1.

5. The later Greek poets; Theocritus, Bion, Moschus; the Greek Anthology. (*Omitted in* 1910-1911.)
6. Lucian; selections; the Greek romance. (*Omitted in* 1910-1911.)
7. Epic poetry; Homer, *The Iliad*, rapid reading; Apollonius Rhodius, *Argonautica III;* lectures and reports.
8. Aristophanes, *Birds*, with lectures on the development of comedy; Æschylus, *Agamemnon*, with a study of the other plays of the Orestes trilogy in an English translation.

Courses 5, 6 are given alternate years with 7, 8.

Professor Elwell

9. The New Testament; the Acts of the Apostles.
10. The Greek Historians: Herodotus, Thucydides.

Professor Smith

12. Greek Philosophy; Plato and Aristotle; lectures; study of selected works in an English translation, with reports on special topics. (*Omitted in* 1910-1911.)

Knowledge of the Greek language is not required.

HISTORY

Mr. W. P. Hall

1. The early Middle Ages; the passing of the Roman Empire and the beginnings of Christianity; Feudalism; the Crusades; and other characteristic phenomena of the period.

2. The later Middle Ages; the development of Nationalities; the Culture and Church of the Middle Ages; the Italian Cities; the Renaissance and the Protestant Revolt.

Professor Gallinger

3. English history, 1066-1689; the growth of the constitution; the Reformation; the Puritan Revolution; the Restoration; the Revolution of 1689.

4. English history since 1689; the development of cabinet government; the struggle with France; the industrial revolution; the expansion of England.

5. American history, 1492-1750; the discovery, exploration and conquest of the New World; the settlement and growth of the English Colonies.

6. American history, 1750-1783; the overthrow of New France; the British colonial and commercial system; the War of Independence.

Professor F. L. Thompson

9. European history from the Peace of Westphalia to

the beginning of the French revolution, 1648-1789.

10. European history, 1789-1870.

11. Political and constitutional history of the United States to the election of Jackson, 1765-1828.

12. Political and constitutional history of the United States since the election of Jackson.

Mr. W. P. Hall

13, 14. Economic history.

Open, with the approval of the instructor, to students who have had History 1, 2.

HYGIENE AND PHYSICAL EDUCATION

Professors Phillips, Nelligan, and Carpenter

1, 2. Personal Hygiene, lectures on fundamental laws affecting health. Physical Exercise, in the form of (A) Athletics and Gymnastics, or (B) Aquatics.

Freshmen unable to swim are required to take (B).

3, 4. Physical Exercise, in the form of (A) Gymnastics and Military Evolutions, or (B) Aquatics.

Sophomores unable to pass the swimming requirements of the College may take (B).

5, 6. Physical Exercise, in the form of Gymnastics, Military Evolutions, and Dancing.

The courses are for the first and second terms of the year.

LATIN

Professor Houghton

A. Vergil, *Aeneid*, Books I-VI. (First semester).

This course is offered to candidates for the B. S. degree who present minimum Latin for entrance to College.

Professors Houghton and Galpin

1. Livy, selections from Books I, XXI, and XXII; Cicero, *De Senectute* or *De Amicitia*.

2. Horace, selections from the *Odes* and *Epodes;* Ovid, *Metamorphoses*.

Professor Cowles

3. Tacitus, *Agricola* and *Germania*. Selections from the *Letters* of Pliny the Younger. A study of the times in relation to the literature of this period; characteristics of the Silver Age Latinity. Illustrated lectures on Roman life and monuments.

4. Selections from Cicero's *Letters*. Selections from Catullus and other Roman poets. History of Latin literature.

5. The Latin drama; a tragedy of Seneca and two comedies of Plautus or Terence, with lectures on the Roman theatre, the origin and development of the Latin drama, and its influence on later writers. In the tragedy, especial attention will be given to the dramatic form, character-drawing, diction and style; in the comedies, to the vocabulary, ante-classical forms, constructions, and the value of Roman comedy to the philologist and to the student of Roman life.

6. The works of Vergil, with especial reference to their literary qualities, and the poet's influence on subsequent literature; or, Roman Satire, Horace, Persius, and Juvenal.

Professor Houghton

7. Tacitus: *Histories*, Books I-III, with special atten-

tion to the author's style as a writer and his aims and methods as a historian. Selections from the *Annals* at sight or for private reading.

8. Lucretius: *De Rerum Natura*, Books I, III, and V, with special attention to the appreciation of the poem in its literary, scientific, and religious aspects. Cicero: *Tusculan Disputations*, Book I, at sight or for private reading.

Professors Cowles, and Houghton

12. Course for students intending to teach Latin; *Caesar*, *Cicero*, and advanced prose composition.

A one hour course which does not count toward a degree.

MATHEMATICS

Professors Olds, Esty, and Parker, and Mr. Cresse

1. Solid and spherical geometry; plane trigonometry.

2. Trigonometry continued; advanced algebra, including an introduction to the simplest methods of analytical geometry and the calculus.

3. Plane analytical geometry.

4. Differential and Integral Calculus.

5. Calculus continued, and introduction to analytical geometry of three dimensions.

6. Analytic mechanics; vector methods introduced.

7. Differential equations, ordinary and partial, with their applications; vector methods continued.

8. Advanced analytic geometry and advanced integral calculus. (*Omitted in* 1910-1911.)

10. Introduction to the theory of functions.

Course 10 is given alternate years with Course 8.

The following courses are designed primarily for students who are preparing to enter schools of technology or to teach.

11. Descriptive geometry.

12. Descriptive geometry; continuation of 11.

14. Mechanical drawing. (*Omitted in* 1910-1911.)

(Course 11 requisite for 12 and 14.)

Course 14 is given in alternate years with Course 12.

MODERN GOVERNMENT AND INTERNATIONAL LAW

PROFESSOR GROSVENOR

2. Fundamentals of international law; definitions; the state; attributes of a state; government; object and test of government; influence of original theories, of time and of circumstances; governments as single or federal, as monarchic, aristocratic, or democratic, as constitutional or arbitrary.

3. Existing governments, national, municipal, and local, in the states of Europe and America, and in Japan, China, India, and Australia.

(2 requisite.)

4. The rights of states; international intercourse; relations of states at war; belligerents and neutrals; history, progress, and future of international law.

(2 and 3 requisite.)

Under the governmental systems of different states their constitutions, administrative methods, and fundamental political ideas are discussed. The physical, ethical, and religious condition of people is investigated to ascertain the influence of such conditions upon their political life. Attention is paid to special topics of contemporaneous interest. During each sem-

ester at least one thesis and two discussions will be presented by each student upon subjects assigned. Grosvenor's *Contemporary History.* Wilson's *The State.* Lawrence's *International Law.*

MUSIC

PROFESSOR BIGELOW

1. Elements of music; history of the scales; sight-reading; elementary harmony; chord analysis; choral and orchestral work.

2. Chord analysis; sight-reading and harmony continued; history of music; study of forms; choral and orchestral work.

(1 requisite.)

3, 4. History of music continued; form analysis; musical literature; choral and orchestral work.

(1, 2 requisite.)

5, 6. Special course in the Wagnerian Music Drama.

Offered only on petition; open to applicants who have a satisfactory proficiency in German.

Pianos and a large Aeolian Orchestrelle are placed at the disposal of all students taking these courses.

Chorus and Orchestra.

Students not electing the courses outlined above may, if qualified, become members of the chorus or orchestra, and receive credit as follows: four semesters of such work is credited as a semester course; less than two consecutive semesters is not counted. The time required for rehearsals and concerts averages three hours per week.

PHILOSOPHY

Professor Toll

1. Psychology.
   The aim of the course is to acquaint the student with general psychology, both in theory and in its various applications.
2. Experimental psychology (elementary laboratory course). (*Omitted in* 1910-1911.)
   Lectures, demonstrations, laboratory work, and collateral reading.

(Course 1 requisite.)

4. Advanced psychology.
   A detailed study of some of the problems and theories of modern psychology.

(Course 1 requisite.)

Professor Newlin

6. Introduction to philosophy.
   A study of the fundamental problems of metaphysics and ethics, and their bearing on sociology.

(Course 1 requisite.)

7. Philosophy.
   A study of political ethics with special reference to its bearing on social problems; aesthetics; philosophy of religion.

(Course 6 requisite.)

8. Social ethics (seminar).
   A study of philosophical principles in their application to the modern problems of philanthropy, industry, and social life.

Instructor's approval requisite to election of this course.
(Course 7 requisite.)

Professors Newlin and Toll

9. History of ancient philosophy.
Lectures, readings, and discussions.
(Course 6 requisite.)

10. History of modern philosophy.
Lectures, readings, and discussions.
(Course 6 requisite.)

PHYSICS

Professors Kimball and J. O. Thompson and Mr. Westhafer

1. Elementary mechanics; equilibrium and motion of solids, liquids, and gases, capillarity, and molecular forces; heat; electricity and magnetism.

2. Electricity and magnetism continued; sound and light.

3. A course in electric and magnetic measurements and in heat.
(1 and 2 requisite.)

4. Heat and elementary thermodynamics and physical optics, with especial reference to interference, diffraction, and polarization, and the optical properties of crystals.

5. Double refraction; electromagnetic theory of light and electric waves; discharge of electricity through gases; radioactivity.
(Mathematics 5 and 6 requisite.)

6. Dynamo-electric machinery, with especial reference to alternating currents of electricity.

(Mathematics 5 and 6 requisite.)

7. Electric waves.

8. Thermodynamics applied to problems in physical chemistry.

PUBLIC SPEAKING

Professor Corsa

2. Oral interpretation; declamations, one-hour course; individual training.

Required of all Freshmen.

3. Oral interpretation; declamations, one-hour course; individual training.

Required of all Sophomores.

5. Lectures; examples for praxis; oral interpretation; orations; argumentation in debates; discussions; speeches.

7. Debates on social, economic, historical, and political questions.

This is a one-hour course continuing till the end of the first semester. Any elective course may be taken in place of debates the first semester of Senior year, with credit for a one-hour course. All students electing course 7 who have not previously taken course 5 must enter the course on or before October 1.

The department also furnishes individual training of contestants for the Freshman and Sophomore Kellogg prizes and for the Hyde and Bond prizes in the Spring term.

ROMANCE LANGUAGES

FRENCH

Professors Baxter, Lancaster, and Stowell

1, 2. Elementary course: pronunciation, grammar (composition), translation.

3, 4. Advanced course: rapid reading, syntax, composition, and conversation.

Professor Lancaster

5. Tragedy: Corneille, Racine, Hugo, Rostand.

6. Molière's comedies.

Professor Galpin

7, 8. The Novel, from Rabelais to Zola.
(5 and 6 requisite.)

Professor Lancaster

9. Nineteenth Century Drama.
(5, 6, 7, and 8 requisite.)

Professor Stowell

10. The Contemporary Novel.
(9 requisite.)

11, 12. Old French.
Given on application of three or more students who have completed 9, 10.

ITALIAN

Professor Baxter

1, 2. Pronunciation, grammar, translation. Stories by De Amicis, Castelnuovo, Farina, Verga, Fucini, and Serao; Manzoni, *I Promessi Sposi.*

3, 4. Reading, composition, and lectures on the history of Italian literature. Selected tales from Boccaccio, *Decamerone* (Fornaciari); Ariosto, *Orlando Furioso* (Papini); Castiglione, *Il Cortegiano* (Cian). (*Omitted in* 1910-1911.)

5, 6. Dante, *Vita Nuova*, *Divina Commedia* (Scartazzini); lectures on Dante.

Courses 5, 6 are given alternate years with 3, 4

SPANISH

Professor Galpin

1, 2. Pronunciation, grammar, composition, translation, conversation.

(French 1, 2 requisite.) May not be taken in the same year as Italian 1, 2.

3. The modern novel.

4. The novel of the sixteenth and seventeenth centuries; reading of *Lazarillo de Tormes* and selections from *Don Quixote.*

5, 6. The classic drama and the ballads. (*Omitted in* 1910-1911.)

Courses 5, 6 are given in alternate years with 3, 4.

THE HENRY WARD BEECHER LECTURESHIP

This Lectureship is named in honor of Henry Ward Beecher, of the class of 1834. It is awarded annually by the Faculty for supplementary lectures in the Departments of History and the Political and Social Sciences, and pays the holder the sum of five hundred dollars. The lectureship was founded by Frank L. Babbott, M.A., of the class of 1878.

The lecturer this year is Professor Edward Alsworth Ross, of the University of Wisconsin. The subject of the lectures is *The Social Drift of America*.

Clubs and Societies

ROMANCE CLUB

THE Romance Club is a student organization whose object is to encourage conversation in French, Spanish, and Italian,—the only languages permitted in the Club Room. It is purely social in character, being quite independent of the conversation classes conducted by the department. Informal weekly meetings are held, foreign dailies and illustrated journals are kept on file in the Club Room, which is always open to members, distinguished foreigners are invited to speak in their native tongue under the auspices of the Club, plays are presented, and finally members are encouraged to travel in the Latin countries and to recount their experiences to the Club on their return.

GERMAN CLUB

The German Club is an organization of students for the purpose of gaining facility in speaking the language. Members have access at all times to the rooms, which are provided with German newspapers, illustrated papers, and reviews.

LITERARY CLUB

The Literary Club is organized and conducted by students, and the teachers of English are active members. The purpose of the Club is to increase interest in English

literature, to form correct literary opinions, and to promote free discussion of literary subjects. Special attention is given to modern and current literature. The Club also affords opportunity to hear prominent lecturers from outside the College.

CHORUS AND ORCHESTRAL WORK

A chorus and orchestra, consisting of students, faculty, and citizens of the town and vicinity, render during the college year and at Commencement some of the larger musical masterpieces, thus giving all who can sing, or play an instrument, an opportunity for practice and development in good music. Some of the works studied, thus far, are Mendelssohn's *St. Paul*, *Hymn of Praise*, *Hear my Prayer*, and *Elijah*, Handel's *Dettingen Te Deum* and *Messiah*, the overture to Von Weber's *Freischütz*, Beethoven's *Seventh Symphony*, Mozart's *Requiem Mass* and *Zauberflöte Overture*, and Haydn's *Creation* and *The Seasons*.

COLLEGE CHOIR

Students who have good voices and have had experience in singing may become members of the choir, whenever there are vacancies. They receive remuneration for their services.

The duties of the choir are to lead singing daily at morning prayers, and at the Sunday morning service, and to attend such choir and chorus rehearsals as may be appointed.

Buildings and Equipment

AMHERST COLLEGE is situated on the slope of the Connecticut valley, four miles east of the river. Beyond the broad valley on the west are the Hampshire and Berkshire hills, on the south is the Holyoke range, on the north are Mount Toby and the Sugar Loaf mountains, on the east are the Pelham Hills. The College is placed on a broad eminence at the center of this circle of mountains and ranges, looking out in every direction on beautiful scenery.

THE LIBRARY

The library contains about ninety-five thousand volumes. The funds available for the increase of the library yield an annual income of about six thousand dollars, which is expended under the direction of the library committee in such a way as to do justice to each department of the library.

The reading-room is large and attractive, and is supplied with the best foreign and American periodicals. Open shelves contain encyclopedias, dictionaries, and other books of reference, together with such books as are temporarily assigned to reading-room use by teachers in the different departments.

Members of the College are allowed free access, under a few necessary limitations, to the bookshelves. In addition to the use of books in the library building, each student is permitted to have out three volumes at a time.

During term-time the College library and reading-room are open from 8:30 a. m. to 9:30 p. m., every day except Sundays and holidays. During vacations the library and reading-room are open two hours daily, except from August 15 to September 15.

The library building bears the name of the Henry T. Morgan Library, in recognition of the munificent bequests of the late Henry T. Morgan of New York.

THE MATHER ART MUSEUM

For purposes of instruction in the history of Art, the College is well equipped with reproductions illustrating various periods and schools. The large collection of plaster casts which occupies the entire third floor of Williston Hall, and the vestibule and stairway leading to it, has been named in honor of the late Professor Richard H. Mather, D.D., in recognition of the fact that it was brought to gether solely through his agency. It comprises nearly one hundred casts of acknowledged excellence, of which some fifty, of the size of the originals, illustrate Egyptian, Mycenaean, Greek, and Roman sculpture, both in the round and in relief. Of later sculptors, Michelangelo, John of Bologna, Canova, and Thorwaldsen are represented. Among the copies of important bas-reliefs, the most noteworthy is that of the Panathenaic frieze from the Parthenon, which encircles the main hall. There are also about forty statuettes and busts in the collection, all from antique or Renaissance originals. At the east end of the hall are full-sized casts of the Ghiberti gates in the Baptistry at Florence; at the west end is a reproduction of Crawford's doors of the Capitol at Washington.

The Museum is entered through the central door on the north side of Williston Hall, or through the smaller door, on the same side, leading to the Greek room. It is open every week-day, while College is in session, from 2 to 3 p. m. At other times visitors are admitted on application to the custodian.

In addition to the resources of the Mather Museum, the rooms of several departments of the College are supplied with art reproductions of various kinds. The Latin and Greek rooms, both in Williston Hall, possess many important casts in bronze and plaster, as well as large collections of photographs, engravings, and stereopticon slides. In the Art Room of the library, at the right of the entrance, is the Italian Art Collection of more than one thousand carbon photographs and lantern slides illustrative of Italian painting of the Renaissance. In the same room are two cases of Eastern antiquities, such as Assyrian and Babylonian seals, cylinders, bricks, and fragments; and in the vestibule of the library are several Assyrian slabs, with inscriptions in cuneiform characters, dated about 900 B. C., which were obtained by the late Dr. Henry Lobdell of the class of 1849 from the walls of the palace of Assurnazirpal at Nimroud.

LABORATORIES AND MUSEUMS

The chemical laboratory has ample accommodations for the department. It contains on the first floor laboratories for quantitative and qualitative analysis. Upon the second floor is a large lecture-room, and adjoining is a commodious room for preparations and apparatus for experiments. Upon the same floor is a working laboratory

for students in general chemistry, and a laboratory arranged for organic and sanitary work, with a cumbustion room. Upon each floor is a recitation room. A library room is near the work-room of the more advanced students. In the basement are storerooms for glassware, chemicals, and acids, an assay room, a gas analysis room, and a workshop.

The physical laboratory has on the main floor a large lecture room and an apparatus room with a valuable collection for lecture illustration. There are also on this floor a library and reading-room, a recitation room, and a room for experimental work in electricity. On the upper floor are laboratories for elementary experimental work, a balance room, a photographic developing room, a dark room for general purposes, an optical room, and a spectroscope room equipped with a powerful concave-grating spectroscope. In the basement are battery rooms, a uniform temperature room, a room for special researches, and a well-equipped workshop and dynamo room, with steam and water power.

The biological and geological laboratories occupy a large building recently erected on the south side of the campus. On the first floor is the biological museum, and on the second floor the geological and mineralogical museum. There are large lecture rooms, laboratories, and working rooms on both floors and in the basement.

The geological museum comprises the Woods cabinet, which contains about twenty-five thousand specimens, including the general American and European collections, the State survey collections of New Hampshire, Vermont, Massachusetts, and Connecticut, and the Shepard Meteorite collection.

In the basement is the ichnological collection, named after President Hitchcock, containing about fourteen hundred tracks of animals in stone and casts of living and extinct species. The Adams collection of shells and Audubon's celebrated collection of birds given by the Hon. Elbert E. Farman, LL.D., of the class of 1855, are in the biological museum.

Appleton Cabinet contains the anthropological collection and the museum of Indian relics which receives its name from the Hon. George Gilbert of Ware, by whose liberality it was established. Large and valuable collections have recently been added by the gifts of Alumni.

The collections are open to the public every week-day from 3 to 4 p. m.

THE OBSERVATORY

The new Observatory, with a thoroughly modern equipment, has an excellent site near the College. The large dome, thirty-five feet in diameter, houses an eighteen-inch Clark telescope. The small dome contains a seven and one-fourth inch refractor. The observatory equipment comprises also an altazimuth, two transits with the usual accessories for meridian observations, and instruments for instruction in the theory and practice of navigation.

The land included in the Observatory property is about seven and one-half acres, and adjoining are nearly fifty acres owned by the College.

LECTURE AND RECITATION HALLS

Walker Hall, a granite building, named for the donor,

the late William J. Walker, of Newport, Rhode Island, contains nine lecture rooms for philosophy, history, modern government, English, and mathematics, and the offices of the President, Dean, Treasurer, and Registrar.

Williston Hall, a brick building, named for the donor, the late Samuel Williston of Easthampton, contains the Latin, Greek, and English lecture-rooms, the Art Museum, and the rooms of the Christian Association.

Barrett Hall, a stone building, was the first college gymnasium in this country, erected in 1859, and named for the late Benjamin Barrett, M.D., of Northampton. The building was restored in 1907 by means of the fund given by Edward A. Strong of the class of 1855. It is now arranged for lecture-rooms, and is occupied by the departments of modern languages, and by the German and Romance Clubs.

Hitchcock Hall, a brick building, named for Edward Hitchcock, LL.D., of the class of 1849, is the College Dining Hall, and accommodates three hundred students.

THE COLLEGE CHAPEL

The Chapel, one of the oldest buildings, erected in 1828, contains Johnson Chapel, where morning religious services are conducted, five lecture-rooms, and a small hall.

THE COLLEGE CHURCH

The College Church, the gift of William F. Stearns, is a beautiful Gothic edifice, in which preaching services are held on Sundays.

COLLEGE HALL

College Hall, a brick building, originally the village church, was restored in 1905 by the class of 1884. It is in the colonial style of architecture, with a graceful portico and cupola. It has wide galleries and accommodates about one thousand persons. Every class since 1828, when the church was built, has been graduated in this hall. It is the place where Commencement exercises are held, oratorios rendered, public lectures given, and student mass-meetings gathered.

MUSIC BUILDING

The Octagon has been completely remodeled for the use of the music department, and provides rooms for recitations, individual practice, and choral and orchestral work.

THE PRATT GYMNASIUM AND NATATORIUM

The Pratt Gymnasium is the gift of Charles M. Pratt, M.A., of the class of 1879. The main hall affords ample space for drill practice with light apparatus, and for military evolutions. The equipment of specialized apparatus is complete, and enables a large number of students to take individual exercise simultaneously.

On the main floor are the offices of the Professors of hygiene, and rooms containing anthropometric apparatus for the measurement and examination of students. The physician of the College and his assistants are in daily attendance, to give personal care and advice respecting the bodily needs and exercises of the students.

One division of the building contains a fencing and wrestling room. In the basement are the bowling-alleys, a sparring room, and baseball cage. The gymnasium is open every week-day from 8:45 a. m. to 6 p. m., and for special purposes in the evening.

The Pratt Natatorium is the gift of Harold I. Pratt, B.S., of the class of 1900. The pool is seventy-five feet long and twenty-two feet wide. Apparatus for water sports is provided. The building which contains the swimming pool is connected by a corridor with the Gymnasium. The pool is on the first floor, with an elevated area for spectators. On the second floor are one double and three single squash-racquet courts, the gift of Mortimer L. Schiff, M.A., of the class of 1896. The pool and the racquet courts are free to all students.

THE PRATT FIELD AND SKATING RINK

The Pratt Field, an area of about thirteen acres, less than one third of a mile from the College, is the gift of Frederic B. Pratt, M.A., of the class of 1887. It is intended for outdoor recreation of all students of the College. It is provided with a well-laid quarter-mile track and space for field contests, a baseball diamond, football grounds, and tennis courts. The grandstand seats about five hundred, and furnishes standing-room for as many more. In the large space under the stand are dressing-rooms, shower-baths, and storerooms.

The Pratt Skating Rink, built in 1908, is the gift of Charles M. Pratt, M.A., of the class of 1879, for the free use of all students. It is situated near Pratt Field, and has an area of 200 x 115 feet. A heated bungalow at

the rink-side provides for the comfort of skaters and spectators.

THE PRATT HEALTH COTTAGE

The Pratt Health Cottage, in an elevated situation three fourths of a mile from the College, is the joint gift of George D. Pratt, B.S., of the class of 1893, Herbert L. Pratt, B.A., of the class of 1895, and John T. Pratt, B.A., of the class of 1896. Its size and equipment are ample for the purposes of an infirmary, where students temporarily disabled by disease or accident may receive treatment in accordance with the liberal provisions of the donors. The College physician has general charge of the infirmary in all matters except treatment, for which any student is at liberty to employ a physician of his own choice and school of medicine. The arrangements for treating infectious diseases are perfect, and the collection of surgical appliances suitable for emergency cases is complete. The matron, a graduate nurse, is ready at all hours during term-time to relieve sick or disabled students, and provide for their necessities, pending any arrangement for especial treatment. Every case of sickness, whether the student goes to the infirmary or not, must be immediately reported to the College physician. Each patient is charged a sum sufficient to defray necessary expense. Provision is made for a limited number of patients by funds given in aid of needy and worthy students, one in memory of Rev. Edmund K. Alden, D.D., of the class of 1844, one in memory of President William S. Clark, LL.D., of the class of 1848, and one in memory of Rev. Thomas P. Field, D.D., of the class of 1834.

DORMITORIES

The rooms in North and South Colleges, arranged on the general plan of a separate study and bedroom, allow a choice in suites for one, two, or three students. The buildings are heated with steam, and there are tiled open fireplaces in most of the rooms. The floors are hardwood, and may be left uncarpeted and used with rugs. On the first floor of each half of each dormitory is a toilet room, and on the second floor a bath room. The hall-ways and rooms are lighted with electricity. The prices named for room-rent include heat, water, and care of the rooms by capable janitors.

A student who is occupying a dormitory room is allowed until the first Monday in May to retain the same for the succeeding year. After that date members of the College may draw for choice of unengaged rooms in the following order: on the Tuesday following, members of the incoming Senior class; on the Thursday following, members of the incoming Junior class; and on the Friday following, members of the incoming Sophomore class. After the last date rooms will be rented as called for; or they may be reserved for members of the incoming Freshman class.

Application for rooms should be made to the Treasurer. Bills for room-rent are payable at the Treasurer's office, and are due, one quarter on engaging the room, one quarter before the opening of the first semester, and the balance before the opening of the second semester. Bills for electricity used in the rooms are to be paid at the close of each term.

Dormitory rooms may be rented only for the entire academic year. Applicants who are rejected at the June

examinations will be released from their contracts and deposits made to secure rooms will be refunded on written request to the Treasurer before July 15. After the June examinations all applicants who engage rooms will be held for the year's rental.

Dormitory rooms may be occupied on the Monday of the week in which the Autumn term opens.

The prices of dormitory rooms are as follows:

$55, North College, Nos. A, C, D, F; South College, Nos. 7, 15, A.

$60, North College, Nos. B, E; South College, 11, C.

$65, South College, B.

$80, South College, No. 14.

$85, North College, Nos. 14, 15, 18, 19, 29, 32; South College, Nos. 1, 4.

$90, North College, Nos. 1, 4, 10, 11, 25, 28; South College, Nos. 29, 32.

$95, South College, Nos. 18, 19, 25, 28.

$100, North College, Nos. 2, 17; South College, Nos. 2, 17.

$110, North College, Nos. 13, 30; South College, No. 13.

$115, North College, Nos. 5, 9, 16, 22, 26, 31; South College, Nos. 5, 9, 16.

$120, North College, Nos. 8, 12, 23, 27; South College, Nos. 8, 12, 30, 31.

$125, South College, Nos. 22, 23, 26, 27.

$135, North College, Nos. 6, 21; South College, Nos. 6, 21.

$175, South College, Suite 14, 14A, and 14B.

$185, South College, Suite, 10, 10A, and 10B.

(10 B at $45 may be rented with 11 as a suite at $105. 14 B at $45 may be rented with 15 as a suite at $100.)

Administration

TERMS AND VACATIONS

THE academic year includes thirty-six weeks of term-time, divided into the Autumn, Winter, and Spring terms. There is a recess of two weeks beginning three days before Christmas, a Spring recess of two weeks, and a Summer vacation of twelve weeks. Commencement Day is the last Wednesday in June.

Courses of study are arranged in two semesters of eighteen weeks each. A schedule of courses is published before each semester. On Saturday afternoons all exercises are suspended.

ATTENDANCE AT RECITATIONS AND LECTURES

Not more than five absences are allowed from the classroom exercises of every three-hour course in each semester. In courses involving more or less than three hours a week, and in laboratory courses, the number of allowed absences is limited to one tenth of the total number of exercises. Three tardy marks count as one absence. Absences from recitation and chapel in the twenty-four hours preceding and following recesses and holidays, count double.

As soon as a student exceeds the allowed number of absences in any course he is reported to the Administration Committee and placed on probation, and unless excused by the Committee his mark in that course is reduced by five one-hundredths for each absence in excess of the

allowance. If after having been placed on probation he is absent again without a satisfactory excuse, he is excluded from the course.

A student whose absences in excess of the allowance in any course are excused by the Administration Committee, on account of sickness or for any other reason, must make up the work to the satisfaction of the instructor before he can be admitted to the final examination.

All students going home to vote have an opportunity to make up for the necessary absences by special recitations or exercises.

EXAMINATIONS

Examinations are held at the end of each semester, or at intervals during the semester, in all courses. There are no second or make-up examinations after the close of a semester, except in required courses.

A student who has failed in a required course or in French or German of Freshman year, may take a second examination at the time of the regular entrance examination in that subject at the beginning of the next college year. A student who has failed in mathematics, Latin, or Greek the first semester of Freshman year, may take a second examination at the beginning of the Spring term. A student who has failed in English the first semester of Freshman year may take a second examination at the end of the second semester. A Senior who has failed in any course or courses of the first semester, in case there are no courses that can be substituted the second semester, may take a second examination at the end of the second semester. A Senior who has failed in any course or courses

of the second semester may take a second examination. Special semester examinations are granted only by vote of the Administration Committee, and in such cases a fee of three dollars is charged for each subject. No student may anticipate a final examination.

DELINQUENCIES

A student who has failed in a required course on a second examination is obliged to repeat it the following year with the next lower class. A student who has failed in an elective course is obliged to repeat it the following year, or may, with the consent of the Administration Committee, substitute another course in a subsequent semester.

After the first semester of Freshman year, no student may take six courses unless he has passed five courses the previous semester.

No student whose average is less than 70, or who has failed in any regular course in the previous semester, may elect a sixth course, without the consent of the Administration Committee.

When a student in any semester fails to pass more than two of the five subjects required, or when the total number of his delinquencies is six, he is dropped from college, unless exception is made by the Administration Committee.

A student who, on account of illness, does not take a final examination may be granted the privilege of a special examination, provided he presents a certificate from the College physician.

No student is allowed to remain in College more than two years with an entrance condition.

ATTENDANCE AT CHURCH AND CHAPEL

Absences from chapel services are allowed upon an average once a week for each semester; from the Sunday service, four absences are allowed in each semester.

Instead of attendance upon the Sunday service of the College Church, any student, on application to the Dean, is permitted to attend church service elsewhere with the denomination of his choice. If the student is under twenty-one years of age, his application must be accompanied by a written request from his parent or guardian.

All applications for excuses from church and chapel exercises must be made to the Dean.

ATTENDANCE AT GYMNASIUM

Three hours a week of physical exercise are required of the Freshman, Sophomore, and Junior Classes in the first and second terms of the year. Freshmen commence their work at the beginning of the year; Sophomores and Juniors immediately after the Fall Athletic Meet. A limited number of students are excused from attendance at the Gymnasium while they are actively training for one of the athletic teams of the College.

Every student on entering College is required to take a physical examination.

PUBLIC EXHIBITIONS

The following regulations are not intended to apply to games or exhibitions between classes or fraternities of the College.

FOR STUDENTS IN GENERAL

No student whose work is incomplete in more than one course is allowed to take part in any public game, exhibition, or entertainment given by any club, association, or team of students, or to occupy the position of manager or assistant manager.

The privilege of connection with any club, association, or team of students is at once withdrawn for the remainder of the semester in the case of any student who is reported to the Administration Committee as failing in three courses.

No individual student shall compete in athletics outside of Amherst in term-time without first obtaining permission of the Committee on Athletics.

Every student before entering any athletic competition is required to have a certificate of physical fitness from the Department of Physical Education.

FOR FRESHMEN

The First Semester. A Freshman is not allowed to take part in any public game, exhibition or entertainment given by any club, association or team of students, nor to compete for membership. This rule does not apply to interclass and interfraternity games. Freshmen may not participate in the Boston Athletic Association meet.

The Second Semester. A Freshman who has an entrance condition or an incomplete semester course, or an average recorded standing below 65 is not allowed to take part in any public game exhibition or entertainment given by any club, association or team of students. This rule does not apply to a Freshman base-ball team, nor to interclass and interfraternity games.

A Freshman who has more than one incomplete semester course is not eligible to the Freshman baseball team.

FOR SPECIAL STUDENTS

Special students are not allowed to take part in any public game, exhibition, or entertainment given by any club, association, or team of students during the first year.

FOR MANAGERS AND CAPTAINS

Any club, association, or team of students proposing to give one or more entertainments or exhibitions other than athletic, before making any contracts or engagements, must present their plans to the Committee on Public Exhibitions, and no engagements shall be made without the approval of the Committee.

Any club, team, or association of students proposing to have one or more athletic games or contests must submit their schedule to the Athletic Board before making any contracts or engagements, and no engagements shall be made without the approval of that Board.

Captains of athletic teams are required to see that each candidate for the team has a certificate of physical fitness from the Department of Physical Education before entering upon active training.

FOR EDITORS OF COLLEGE PUBLICATIONS

No student whose work is incomplete in more than one course is allowed to be an editor of a college publication.

First Semester. A Freshman is not allowed to compete for the position of editor of a college publication.

Second Semester. A Freshman who has an entrance condition or an incomplete semester course, or an average recorded standing below 65, may not be an editor of a college publication.

TERM BILLS, BOND AND FEES

Term bills, including tuition, use of library and gymnasium, and all ordinary incidentals, amount to one hundred and ten dollars for the year. [Beginning with the class which entered in 1909, the annual charge is one hundred and forty dollars, of which eighty dollars is required in advance at the beginning of the first semester and sixty dollars at the beginning of the second semester.] A bond of two hundred dollars, with satisfactory surety for the payment of all college bills, must be given to the Treasurer by each student when he enters College. Payment of tuition is required in advance at the beginning of each semester.

Each member of the Senior class is required to pay a graduation fee of six dollars, which is added to the term bill for the second semester of senior year.

LABORATORY FEES

Physics	First year, each semester	$5.00
	Second and third years, each semester	7.00
Biology	First year, each semester	3.00
	Second and third years, each semester	5.00
	Seniors in special laboratory courses, each semester	5.00
Chemistry	First year, first semester	5.00
	First year, second semester	4.00
	Second, third, and fourth years, each semester, except course 7	10.00
	Course 7	2.00

These fees must be paid on or before the first day of the semester for which they are charged. Dues for breakage must be paid at the close of the semester.

EXPENSES

The following table shows three scales of annual expenditures, omitting clothing, vacation expenses, laboratory charges, membership of societies, and incidentals:—

	Low	Moderate	Liberal
Tuition*	$110	$110	$110
Room (one half)	35	55	75
Furniture (annual average)	10	20	30
Board thirty-six weeks	144	180	216
Fuel and light	10	15	25
	$309	$380	$456

The dormitories accommodate about one hundred and twenty-five students, and the fraternity houses about two hundred and fifty. At the College Commons in Hitchcock Hall board is furnished at cost. Rooms can be rented at moderate rates in private houses. Board is also furnished at various places in the town, at prices of from four to seven dollars a week.

RELIGIOUS CULTURE

The Christian life of the College finds expression through the College Church and the Christian Association. Prayers are conducted by the President each week-day morning at a quarter past eight o'clock in Johnson Chapel. All

*Beginning with the class which entered in 1909, the annual charge will be $140.

students are required to be present. Public worship is held every Sunday at a quarter before eleven o'clock in the College Church. All students, not excused to attend elsewhere, are required to be present. A communion service is held in the College Church three times during the year.

PHYSICAL EDUCATION

The department of hygiene and physical education is under the charge of a physician, who keeps himself acquainted with the health of all the students. Each student soon after he enters College, and twice thereafter during his course, if he so desires, is given a careful physical examination and advised how to maintain and increase his health and physical efficiency.

The members of each class except Seniors are required to exercise regularly in the gymnasium three times every week, during the Autumn and Winter terms. During the fall the prescribed work is taken outdoors at Pratt Field.

In the natatorium, swimming is taught by a competent instructor. Every student who on entering College cannot swim is required to learn during the first year and before the end of Sophomore year to pass the college requirements in swimming.

The results of this system of prescribed physical training, pursued in the College for half a century, have been eminently satisfactory. Statistics systematically kept for more than fifty years, indicate that the health of Amherst College students is likely to improve during their course. Part of this improvement may be due to the healthful climate of Amherst, but more is the result of education of the students in personal hygiene and of systematic exercise, as the reverse conditions existed before

the department was introduced.

An annual inspection is made of all fraternity houses with respect to their sanitary condition and safety in case of fire.

ADVISERS

Immediately upon entering College every Freshman is required to submit his choice of studies to the member of the Instruction Committee appointed to advise him. At the end of the year he is expected to consult his adviser as to his course in general. It is also expected that the student will consult his adviser whenever he feels the need, on any subject related to his college life.

Degrees

DEGREE OF BACHELOR OF ARTS

Candidates for the degree of Bachelor of Arts are required to complete, in addition to the studies of Freshman year, at least thirty semester courses, four of which shall be completed in the last semester of the course. The whole course of study must be arranged in accordance with the plan on page 76. They must also have no out standing deficiencies in the work of any semester, and must attain an average grade of 65. Diplomas are graded as *rite*, *cum laude*, *magna cum laude*, *summa cum laude*, according to scholarship.

Summa cum laude rank is fixed at 93, *magna cum laude* at 88, and *cum laude* at 80.

DEGREE OF BACHELOR OF SCIENCE

Candidates for the degree of Bachelor of Science are required to complete, in addition to the studies of Freshman year, not less than thirty semester courses, four of which shall be completed in the last semester of the course. The whole course of study must be arranged in accordance with the plan on page 76. They must also have no outstanding deficiencies in the work of any semester, and must attain an average grade of 65. Besides the mathematics of Freshman year they shall complete twelve semester courses in natural sciences, mathematics, and economics. Sciences taken in Freshman year and two courses in economics may be included in the twelve

courses required, but the two courses in mathematics of the first year may not be included. They shall complete also the second year of German and the second year of a Romance language. Sophomore English, and first year Physics in the Sophomore year. Diplomas are graded as *rite*, *cum laude*, *magna cum laude*, *summa cum laude*, according to scholarship, as specified above under B.A. degree.

A student who presents advanced Latin among the requirements for entrance to the Scientific course may become a candidate for the degree of Bachelor of Arts by electing the Latin courses of Freshman and Sophomore years.

GRADUATION IN LESS THAN FOUR YEARS

GRADUATION IN THREE YEARS

A student who has at entrance, by examination, credit for four semester courses, may take six courses each semester, besides required work in declamation and hygiene, in order to obtain a degree in three years. Written notice of intention to complete the course in three years shall be given at the beginning of the first year.

GRADUATION IN THREE AND ONE HALF YEARS

A student may complete the course in three and one half years by taking in addition to the regular work an extra course in each of five semesters, and may take his degree at the Commencement following. Written notice of intention to complete the course in three and one half years shall be given at the beginning of the second year. On

completion of the requisite number of courses the student may on petition obtain leave of absence until the time when the degree is conferred.

No student shall take more than the required number of studies in any term in order to shorten the course, or for any other reason, except by permission of the Administration Committee.

DEGREE OF MASTER OF ARTS

The degree of Master of Arts is conferred upon Bachelors of Arts of Amherst College who have spent a year in residence at the College, pursuing a systematic course of liberal non-professional study, in accordance with the requirements below.

The degree is conferred upon Bachelors of Arts of this College who have been one year in residence at another college and have fulfilled the requirements indicated below.

Those who complete, at the end of the first semester of Senior year, the requirements for the degree of Bachelor of Arts may apply the remainder of the year to studies leading to the degree or Master of Arts, and finish their studies in non-residence the following year, receiving the degree one year after graduation.

The degree is conferred upon Bachelors of Arts of this College, not in residence at the College, who, not less than three years after graduation, have completed a course of liberal, non-professional study approved and tested in accordance with the requirements below.

Every resident candidate shall make application and arrange his subjects of study, in accordance with the requirements below, before the beginning of the first semester.

Every candidate who completes the requirements for the Bachelor's degree at the end of the first semester of Senior year, and applies the remainder of the year to studies leading to the Master's degree shall make application and arrange his subjects of study, in accordance with the requirements below, not later then December 1.

Every non-resident candidate shall make application and arrange his subjects of study, in accordance with the requirements below, not later than October 1.

REQUIREMENTS FOR THE M. A. DEGREE

Every candidate for the degree of Master of Arts shall make application on a blank for that purpose, containing the complete requirements, to be obtained from the Registrar.

Every candidate for the Master's degree, taken in residence complete or partial, shall pursue four courses, two in his major subject and two others. These courses shall be, unless otherwise arranged with the consent of the Committee on Instruction, primarily courses offered to undergraduates, and attendance on them shall be required of the candidate under the same conditions as apply to undergraduates. But courses for undergraduates shall not be accepted as themselves sufficient for the Master's degree. They shall not be elementary courses, and they must be increased by the assignment of a sufficient amount of additional work to be acceptable to the teachers concerned and to the Committee on Instruction.

Final examinations in each course shall be held in the case of every candidate for the Master's degree, whether the course is taken in residence or in partial residence or in non-

residence, and this final examination shall be at least partly oral. The oral examination shall be open to all members of the Faculty, and they will be allowed to question the candidate as they desire.

From every candidate there shall also be required a thesis on such subject and under such conditions as shall be set by the head of the major department.

Every candidate is expected to appear in person at the conferring of the degree.

Every resident candidate shall pay the regular tuition for each term of residence, and a diploma fee of five dollars. Every non-resident candidate shall pay a fee of ten dollars for examination and diploma.

Communications relative to the requirements for the degree should be addressed to Professor Thomas C. Esty, Secretary of the Committee on Instruction.

Fellowships

THE ROSWELL DWIGHT HITCHCOCK MEMORIAL FELLOWSHIP

OF two hundred and fifty dollars, offered by the Alpha Delta Phi Fraternity, is awarded annually under conditions determined by the Faculty to a member of the Senior class for excellence in history and the social and economic sciences. The holder of the Fellowship pursues for one year, at an institution approved by the Faculty, a course of study in history or economics, to be completed within the period of two years next following graduation. The amount of the Fellowship is paid in two instalments, one on completion of one half the year's work, the other at the end of the year.

THE RUFUS B. KELLOGG UNIVERSITY FELLOWSHIP

The gift of the late Rufus B. Kellogg of the class of 1858, awards the income of about thirty thousand dollars for seven years to an alumnus of Amherst College, who shall be appointed upon the following conditions:—

(1) He shall be elected by the Faculty from the members of the class graduated at the close of the academic year in which this selection shall be made, or from the members of the classes graduated in the six years immediately preceding the academic year in which this election shall be made.

(2) The Faculty shall select as the incumbent of the said Fellowship the man who, in their judgment, is best equipped for study and research, without regard to any other consideration whatsoever, except that he shall have an especially good knowledge of the Latin and German languages.

(3) The first three years of the term of seven years the incumbent shall spend at a German university (or with the approval of the Faculty of Amherst College, at any other place or places), in the study of philosophy, philology, literature, history, political science, political economy, mathematics, or natural science. The last four years of the term of seven years shall be spent as a lecturer at Amherst College. But the incumbent shall not give more than thirty lectures per annum, and shall not be required to reside at Amherst more than one college term of any year. The lectures shall be upon a subject selected by himself and approved by the Trustees; and the incumbent shall cause the lectures to be published at the end of his official term in good book form. He shall have no occupation or employment during the period of his Fellowship, except such as pertains to the duty of his Fellowship.

The Fellowship was established in 1892 and has been held by Prof. Arthur H. Pierce, Ph.D., of the class of 1888, from 1893 to 1900, and by Frank Otis Reed, Ph.D., of the class of 1899, from 1900 to 1907. The present incumbent is Preserved Smith, Ph.D. of the class of 1901.

THE EDWARD HITCHCOCK FELLOWSHIP

Of five hundred dollars, was founded by the late Mrs. Frank L. Babbott of Brooklyn, N. Y., to promote grad-

uate study in the department of physical education. Its object is to make the student familar with the best methods of physical training, both in the gymnasium and on the field. The appointment is made by the Faculty.

THE SOUTH END HOUSE FELLOWSHIP

Of five hundred dollars, is provided by alumni of Boston and vicinity. The incumbent is in residence one year at the South End House, Boston, for the purpose of investigating social conditions and rendering service according to the methods of a university settlement. The appointment is made by the Trustees of the College.

Honors

COMMENCEMENT EXERCISES

From the fifteen Seniors who have attained the highest general standing at the end of the first semester of Senior year, five are selected upon the basis of literary and oratorical merit, to deliver orations on Commencement day. The Bond prize of one hundred dollars is awarded to the speaker who delivers the best oration.

THE PHI BETA KAPPA SOCIETY

Those who at the end of the first semester of Junior year have attained a general standing of 88 or more on the scale of one hundred, are, on recommendation of the Faculty, elected members of the Phi Beta Kappa Society. Those who at the end of the first semester of the Senior year have attained a general standing of 85 or more are, on recommendation of the Faculty, elected members of the society.

President: Professor Benjamin K. Emerson, ph.d.
Corresponding Secretary: Professor Levi H. Elwell, m.a.
Recording Secretary: Mr. G. Noyes Slayton, '11.

FINAL HONORS AT GRADUATION

Final honors in a single department of study are awarded for special work involving collateral reading or investigation under the following conditions:—

(1) The candidate must complete the last four semester-courses. The three semester-courses in Modern Government may be grouped with one semester in History, Philosophy, or Economics, in which a standing of eighty must be maintained. In History the Junior courses 3-4, 5-6, 9-10, or 13-14 may be reckoned as two of the last four courses. The special work of collateral reading or investigation is to be done in the last two courses. No student may be a candidate in more than one department, except by vote of the Administration Committee.

(2) The candidate must have at graduation an average standing of not less than eighty in all studies of the college course; an average standing of not less than seventy-five in each study of Senior year, and of ninety in the last year of study in the department in which the honor is sought.

(3) The proficiency of the candidate is tested by special examination or by thesis, or by both, at the end of Senior year.

(4) Notice of intention to become a candidate must be given to the Registrar by October 10 of the Senior year.

(5) One unit is added to the total average rank of a student who takes final honors. If honors are taken in more than one department, only one unit is added.

(6) The names of successful candidates are announced at Commencement and in the annual catalogue.

HONORABLE MENTION

(1) There must be a standing of not less than seventy-five in every department for the year.

(2) An average of ninety-three must be maintained for a full year's course in the department in which honorable mention is sought.

The names of those who have honorable mention are announced in the annual catalogue.

Prizes

The following prizes are offered annually for proficiency in the work of several departments of collegiate study:—

GREEK

The Hutchins Prize, of fifty dollars, given by the late Waldo Hutchins of the class of 1842, to the best scholar in Greek at the end of the Junior year. The scholarship is determined chiefly by the regular recitations and examinations of the department, but special studies and examinations may also be required of the candidates.

LATIN

The Bertram Prize, of fifty dollars, given by the late John Bertram of Salem. For the year 1910-1911 the prize will be awarded to that Senior who, together with attaining a high average in the work of courses 7 and 8, shall present the best essay on the philosophical, ethical, or poetical elements in the *De Rerum Natura* of Lucretius.

The Junior Prizes, of forty and of twenty dollars for the highest scholarship in the Latin of the Junior year; special work or special examinations may be required.

The Billings Prizes, of thirty and of twenty dollars, given by the late Parmly Billings of the class of 1884, for general excellence in the work of the Sophomore year, together with the best essays on special topics connected with the study of Catullus, Tacitus, and Pliny the Younger.

The Freshman Prizes, of twenty-five and of fifteen

dollars, for the highest scholarship in the Latin of Freshman year. The award will be determined by the reading at sight of passages from Cicero, Livy, Horace, and Ovid.

ENGLISH

The Kellogg Prizes, one of fifty dollars to a member of the Sophomore class, and one of fifty dollars to a member of the Freshman class, given by the late Rufus B. Kellogg of the class of 1858, for excellence in declamation.

The Hardy Prizes, of thirty and of twenty dollars, given by the late Alpheus Hardy of Boston, for improvement in extemporaneous speaking.

The Hyde Prize, of one hundred dollars, given by Benjamin D. Hyde of the class of 1894, in memory of his father Henry D. Hyde of the class of 1861, to that member of the Senior class who produces the best oration. Both composition and delivery are considered in making the award.

The Bond Prize, of one hundred dollars, given by the late Ephraim W. Bond of the class of 1841, for the best production spoken on the Commencement stage. The award is determined by the Trustees, or by a committee whom they may appoint.

The Kent Prize in English Literature, of one hundred dollars, given by Daniel Kent of the class of 1875, for the best essay upon one of the following subjects: (1) American Patriotic Verse; (2) Tennyson, the Englishman, as Revealed in this Poetry; (3) Matthew Arnold's Contribution to English Literature.

The Junior Prizes, of fifty dollars in books, given by an alumnus of the class of 1894, to members of the class in

public speaking who excel in oratorical composition the first semester of Junior year.

The Rogers Prize, of seventy dollars, given by Noah C. Rogers, of the class of 1880, to Juniors for excellence in debate.

The Armstrong Prizes, of fifty, of thirty, and of twenty dollars in books, given by Collin Armstrong of the class of 1877, in memory of his mother, Miriam Collin Armstrong, to members of the Freshman class who excel in composition.

The Hagen Prize in English Literature, of fifty dollars, given by Winston H. Hagen of the class of 1879. For the year 1910-1911 the prize will be assigned for the best work in any of the English courses 11, 12, 13, 14, 15, and 16, together with the best examination upon certain special work

The Sherwin Cody Prize, of fifty dollars, given by Sherwin Cody of the class of 1889, to a member of the Freshman class who excels in the composition of business letters.

The Folger Prizes, of one hundred, of fifty, and of twenty-five dollars, given by Henry C. Folger, Jr., of the class of 1879, for the best essays on Shakespearean topics, to be competed for by members of the Senior class.

MATHEMATICS, PHYSICS, AND ASTRONOMY

The Walker Prizes, given by the late William J. Walker of Newport, Rhode Island.

Two prizes, of fifty and of thirty dollars, in the mathematics of the first year.

Two prizes, of eighty and of forty dollars, in the mathematics of the second year.

The award in each case is determined by an examination.

The Porter Prizes, one of twenty dollars, in physics, and one of ten dollars, in astronomy, given by the late Eleazar Porter of Hadley. These awards are made at the conclusion of the collegiate course, and are determined by the record of all recitations and examinations in these departments.

The A. C. James Prize, of fifty dollars, in navigation.

NATURAL SCIENCE

The Shepard Mineralogical Prizes, of mineralogical specimens, valued respectively at fifteen, eight, six, and five dollars, given by the late Professor Charles U. Shepard, of the class of 1824, to members of the Senior class in mineralogy.

The Sawyer Prize, a gold medal of the value of fifty dollars, given by the late Edmund H. Sawyer, of Easthampton, for the best work in the course in human anatomy and physiology.

The A. Lyman Williston Prizes, of fifteen and of ten dollars, given by A. Lyman Williston, of Northampton, to those members of the Freshman class who take the best series of lecture notes in the course on personal hygiene.

THE PORTER ADMISSION PRIZE

The Porter Admission Prize, of fifty dollars, given by the late Eleazar Porter, of Hadley, to the candidate who passes the best examination for admission to the Freshman class. The name of the successful candidate, together with that of his school or of the instructor with whom he prepared for college, is published in the catalogue.

OTHER PRIZES

The Leland Prize, of one hundred dollars, given by Dr. George A. Leland of the class of 1874, to the class which, during the year, shall most faithfully discharge its duties in the gymnasium, and carry out most fully the instructions of the Professor of Hygiene.

The Ladd Prizes, the sum of one hundred dollars, given by William M. Ladd of the class of 1878, to be divided among undergraduate members of the College, for excellence in heavy gymnastic exercises at the annual exhibition.

The Woods Prize, of sixty dollars, given by the late Josiah B. Woods of Enfield, for general culture and improvement. This prize is awarded at the conclusion of the course.

The Dante Prize, of one hundred dollars, is offered annually by the Dante Society of America for the best essay by a student, or graduate of not more than three year's standing, on a subject drawn from the Life or Works of Dante. Competition for the prize is open to students and graduates of any college or university of the United States. Detailed information in regard to rules of competition and choice of subjects may be obtained from the Department of Romance Languages.

The Class-of-1884 Prize, of one hundred dollars, to the class that excels in the singing of college songs. The contest occurs on the campus in June, when the four classes sing in turn.

Scholarships and Beneficiary Aid

THE beneficiary funds of the College aggregate three hundred thousand dollars. Except as otherwise provided by the donors, the income of these funds is distributed annually, by a committee of the Faculty, among students of high character and good scholarship who need pecuniary aid.

Aid from beneficiary funds is given only to students who maintain a high standard of honor, who have no delinquency in any subject, whose average rank is not below seventy per cent., whose habits are economical, and who are candidates for a degree.

Awards are paid in instalments, at the beginning of each semester. The award is made for the entire year.

Applicants for scholarships in the three upper classes must file at the Registrar's office, on or before June 1 a statement of their resources for the academic year, together with two letters of recommendation giving evidence of their need, attainments, and character.

Applicants for the renewal of scholarships must present an account of their expenditures and income for the preceding year.

A limited number of applicants may be assured of scholarship awards before entering college. Blanks for application may be obtained of the President, and, when filled out by the applicant, must be accompanied by two letters concerning need, character, and attainments, one letter from the parent or guardian, and one from the principal

or a teacher. Awards are not payable unless the applicant is free from entrance conditions.

Scholarships are of three grades: the recipient being granted full tuition, paying a balance of fifteen dollars, or paying a balance of thirty dollars. The first class is composed of students whose average standing is A (90 to 100); the second class, of students whose average standing is B (80 to 90); the third class, of students whose average standing is C (70 to 80). There are four scholarships of one hundred dollars, and four of one hundred and ten dollars, which are not subject to the above conditions, except that a standing of not less than 70 shall be maintained. Those who intend to enter the Christian ministry receive awards of full tuition.

Awards are made from the income of the following funds:—

The Charitable Fund, $90,000, primarily in aid of those studying for the Christian ministry. Any surplus income may be awarded to other students in the classical course.

The Stone Educational Fund, $25,000.

The Class of 1871 Scholarship Fund, $25,000, established by a member of the Class.

The William Hilton Scholarship Fund, $17,500, the bequest of William Hilton of Boston.

The Whitcomb Scholarship Fund, $12,000, established by David Whitcomb and G. Henry Whitcomb of Worcester.

The Hitchcock Scholarship Fund, $10,000, established by Samuel A. Hitchcock of Brimfield.

The John E. Sanford Class-of-1851 Scholarship Fund, $10,000, established by John E. Sanford of Taunton.

The Emerson Gaylord Scholarship Fund, $6000, the bequest of Emerson Gaylord of Chicopee. Preference is given to graduates of the Chicopee High School.

The Day Benevolent Fund, $5000, the bequest of Moses Day of Boston.

The Seymour Scholarship Fund, $5000, the bequest of James S. Seymour of Auburn, New York.

The Harry Wilbur Scholarship Fund, $5000, established by his parents in memory of Harry L. Wilbur of the Class of 1884.

A Scholarship Fund, $5000, the bequest of Ivory H. Bartlett, Jr. of New Bedford.

The Danforth Keyes Bangs Scholarship Fund, $4000, the bequest of Mrs. Louisa S. Baker of Amherst.

The Farnsworth Scholarship Fund, $3000, established by Isaac D. Farnsworth of Boston.

The Knowles Scholarship Fund, $3000, the bequest of Lucus J. Knowles of Worcester.

A Scholarship Fund, $3000, established by a friend of the College.

The Reed Scholarship Fund, $2500, the bequest of Charles Thayer Reed of Boston, in memory of his son, Charles Thayer Reed, Jr.

The Harold Ely Morse Memorial Scholarship Fund, $2500, established by the family of Professor Anson D. Morse.

The Class of 1877 Scholarship Fund, $2500, established by the Class.

The Class of 1860 Scholarship Fund, $2200, established by the Class.

The Persian Scholarship Fund, $2000, the bequest of Rev. James L. Merrick of Amherst.

The Charles Merriam Scholarship Fund, $2000, established by Charles Merriam of Springfield.

The Quincy Tufts Scholarship Fund, $2000, the bequest of Quincy Tufts of Boston.

The Henry Gridley Class-of-1862 Scholarship Fund, $2000, established by the class in memory of their classmate whose name it bears.

The Henry H. Goodell Class-of-1862 Scholarship Fund, $2000, established by the Class in memory of their classmate whose name it bears.

The Borden Scholarship Fund, $2000, the bequest of Samuel Augustus Borden of Boston.

The Anderson Scholarship Fund, $2000, the bequest of Samuel Augustus Borden of Boston.

The W. Eugene Kimball Scholarship Fund, $2000, established by Robert J. Kimball of Brooklyn, New York.

The Morse Scholarship Fund, $2000, established by Charles L. Morse of the class of 1901.

The Draper Scholarship Fund, $2000, established by Warren F. Draper of the class of 1847.

The Class of 1855 Scholarship Fund, $1100, established by the Class.

The Alexander H. Bullock Scholarship Fund, $1500, established by Alexander H. Bullock of the Class of 1836.

The Class of 1836 Scholarship Fund, $1500, established by the Class.

The Class of 1853 Scholarship Fund, $1500, established by the Class.

The Class of 1871 Scholarship Fund, $1400, established by the Class.

The Class of 1826 Scholarship Fund, $500, established by two members of the Class.

Scholarship funds of $1000 each as follows:

The Levi Russell Scholarship Fund, established by Levi Russell of Hadley.

The Tuttle Scholarship Fund, the bequest of Mrs. Sarah Tuttle of Wayland.

The George Cook Scholarship Fund, established by George Cook of the Class of 1841.

The Enos Dickinson Scholarship Fund, established by Enos Dickinson of Amherst.

The John C. Newton Scholarship Fund, established by John C. Newton of Worcester.

The James H. Newton Scholarship Fund, established by James H. Newton of Holyoke.

The Johnson Class-of-1823 Scholarship Fund, established by A. J. Johnson of New York City.

The Southworth Class-of-1822 Scholarship Fund, established by Wells Southworth of New Haven, Connecticut.

The Joseph Carew Scholarship Fund, established by Joseph Carew of South Hadley.

The Gregory Class-of-1850 Scholarship Fund, established by Hon. James J. H. Gregory of Marblehead.

The Dolly Coleman Blake Scholarship Fund, the bequest of Dolly Coleman Blake of Boston.

The Miller Scholarship Fund, established by Mrs. S. P. Miller of

Montclair, New Jersey, in memory of her son, J. C. B. Miller of the Class of 1869.

The Green Scholarship Fund, the bequest of Rev. Henry Solomon Green of the Class of 1834, as a memorial gift from himself and H. M. Green of the Class of 1865.

The Thomas Hale Scholarship Fund, established by Mrs. Alice T. March of Newburyport.

The Mary W. Hyde Scholarship Fund, the bequest of Mary W. Hyde of Boston.

The Sarah B. Hyde Scholarship Fund, the bequest of Sarah B. Hyde of Boston.

The W. S. Tyler Class-of-1830 Scholarship Fund, the bequest of Professor William Seymour Tyler of Amherst.

The Class Scholarship Fund, established by and bearing the names, respectively of

The Class of 1831	The Class of 1852	The Class of 1858
The Class of 1839	The Class of 1855	The Class of 1861
The Class of 1845	The Class of 1856	The Class of 1865
The Class of 1849	The Class of 1857	The Class of 1869

The Composite Scholarship Fund, established jointly by the following Classes:—

The Class of 1829	The Class of 1838	The Class of 1867
The Class of 1835	The Class of 1866	The Class of 1870

The Emily B. Ripley Scholarship Fund, the bequest of Emily B. Ripley of Royalston.

Funds yielding the following amounts annually:—

The Moore Scholarships, four of $140 each, established by Rev. Zephaniah Swift Moore, D. D., first president of the College.

The State Scholarships, three, covering full tuition.

The Adams Scholarships, three of $40 each, the bequest of Asahel Adams of North Brookfield.

The following scholarships maintained by annual gifts:—

The Sayles Scholarship, $100, given by Fred Thomas Sayles of the Class of 1881.

The A. Lyman Williston Scholarship, $50, given by A. Lyman Williston of Northampton.

Student Loan Fund

THROUGH the liberality of a friend of the College, provision is made for loans of a limited amount to a few students in the later years of the course, at a low rate of interest, upon notes acceptably endorsed and payable one or two years after graduation. The conditions made by the donor of this Fund limit its use to the assistance of students of thorough scholarship who are not preparing for the ministry, and whose habits of expenditure are economical.

A second fund provides for loans to students on similar terms, except that students for the ministry are not excluded.

Publications

THE annual catalogue is sent to all the alumni of the College, to all schools from which students are received, and to any who ask for it.

An address list of living alumni is issued once in two years.

A general catalogue of the Officers of Government and Instruction and of the Alumni and Honorary Graduates is issued quinquennially.

A record of graduates deceased during the year is issued annually in Commencement week.

STUDENT PUBLICATIONS

The Y. M. C. A. Handbook, published and distributed annually by the Christian Association, contains information chiefly useful to new students.

A semi-weekly paper, *The Amherst Student*, containing college news, account of games, notices of alumni, and discussion of college affairs, is issued by an editorial board of students.

The Amherst Monthly, conducted by students, contains articles, essays, poems, stories, and book notices.

The Olio, published annually by the Junior class, contains names of the members of fraternities, of officers and members of athletic, musical, literary, and dramatic organizations, of students receiving prizes and honors, and various matters of interest to the College.

Alumni Associations

The Society of the Alumni

(*Annual Meeting in Commencement Week*)

President: Rev. Sherrod Soule, '85.

Vice-Presidents:

Professor Edwin A. Grosvenor, '67
Collin Armstrong, '77
F. N. Look, '77
Henry P. Field, Esq., '80
John P. Cushing, '82
George B. Mallon, '87

Secretary and Treasurer:

Professor Thomas C. Esty, '93, Amherst.

Chairman of Committee on Alumni Trustees:

Rev. William G. Thayer, '85

Executive Committee:

Dr. Edward Hitchcock, '49
Henry P. Field, '80
Professor Joseph O. Thompson, '84
Arthur Curtiss James, '89
Oliver B. Merrill, '91
Herbert L. Pratt, '95
Robert B. Metcalf, '96
H. W. Kidder, '97
Dr. John S. Hitchcock, '89

The Association of Boston and Vicinity

CHARLES E. KELSEY, *President*, 201 Columbus Ave.
WILLIAM F. MERRILL, *Secretary*, 530 Atlantic Ave.

The Amherst Association of New York

WILLIAM R. MEAD, LL.D., *President*, 160 Fifth Ave.
PROF. HARRY A. CUSHING, *Secretary*, 43 Cedar St.

The Association of Brooklyn

ARTHUR R. PAINE, M. D., *President*, 379 Washington Ave.
HENRY E. TOBEY, *Secretary*, 120 Broadway, N. Y.

The Association of Lowell

REV. JOHN M. GREENE, D. D., *President*, 434 Andover St.
CHARLES W. MOREY, *Secretary*, 14 Belmont St.

The Association of Central Massachusetts

CHARLES H. SIBLEY, *President*, 814 State Mutual Bld., Worcester.
VIRGIL SPAULDING, *Secretary*, 44 May St., Worcester.

The Association of St. Louis

LUTHER E. SMITH, *President*, Rialto Building.
EUGENE S. WILSON, *Secretary*, Security Building.

The Association of Central New York

REV. EDMUND A. BURNHAM, D.D., *President*, Syracuse.
J. EDWARD BANTA, *Secretary*, Binghamton.

The Association of Western New York

FRANKLIN W. BARROWS, M. D., *President*, 1364 Michigan St., Buffalo.
REV. ALTON H. COWLES, *Secretary*, 205 D. S. Morgan Building, Buffalo.

The Association of Arizona

STUART W. FRENCH, *President*, Douglas.

The Association of the Southwest

PROF. LUTHER H. WHITTEMORE, *President*.
EDWARD W. KIDDER, *Secretary*, Kansas City, Mo.

The Association of Cleveland and Vicinity

WILLIAM E. BRYNES, *President*, 206 Superior St.
CHARLES W. DISBROW, *Secretary*, University Club.

The Association of Pittsburgh

WILLIAM D. EVANS, *President*, Commonwealth Building.
HARRY G. TINKER, *Secretary*, 431 Diamond St.

The Association of Nebraska

Rev. FRANK T. ROUSE, *President*, Omaha.
OSGOOD T. EASTMAN, *Secretary*, First Nat'l Bank, Omaha.

The Amherst Club of Chicago

PLINY BARTLETT, *President*, 513 Monadnock Block.
JAMES MCCHESNEY, *Secretary*, 205 La Salle St.

The Association of Baltimore

Rev. JOHN T. STONE, D. D., *President*, Chicago, Ill.
HORATIO E. SMITH, *Secetary*, 2430 Maryland Ave.

The Amherst Club of Minnesota

JOSEPH R. KINGMAN, *President*, Security Bld., Minneapolis.
STUART W. WELLS, *Secretary*, Wells & Dickey Co., Minneapolis, Minn.

The Connecticut Valley Association

FRANK N. LOOK, *President*, Florence.
WALTER P. HUBBARD, *Secretary*, 304 Central St., Springfield.

The Association of Philadelphia and Vicinity

TALCOTT WILLIAMS, LL.D., *President*, 916 Pine St.
EDWIN S. PARRY, *Secretary*, Riverton, N. J.

The Rocky Mountain Association

President W. F. SLOCUM, LL.D., *President*, 24 College Place, Colorado Springs, Colo.
JOHN E. MARSHALL, *Secretary*, 202 Ry. Exch., Denver, Colo.

The Association of Rhode Island

Rev. FRANK J. GOODWIN, *President*, Pawtucket.
GERALD M. RICHMOND, *Secretary*, 527 Banigan Bldg., Providence.

The Association of Southern California

Rev. WILLIAM H. DAY, D.D., *President*, 946 South Union Ave., Los Angeles.
WILLIAM C. MARBLE, *Secretary*, National Bank of California, Los Angeles.

RAILROAD CONNECTIONS

The Boston and Maine Railroad (Central Massachusetts division), between Boston and Northampton, passes through Amherst.

The Central Vermont Railroad, connecting at Palmer with the Boston and Albany Railroad, passes through Amherst.

There are electric street railways from Amherst to Northampton, Holyoke, Sunderland, and Pelham.

SPECIAL RAILROAD RATES AT COMMENCEMENT

The College expects to be able to secure special railroad rates on the certificate plan for those who attend the exercises of the Commencement season. Information concerning this matter may be obtained in May or June from secretaries of classes and alumni associations.

INFORMATION

All requests for information should be addressed to the Registrar, Walker Hall, Amherst, Mass.

Index

Administration, 118
Admission, 43
  conditions, 71
  by certificate, 70
  by certificate of examinations, 71
  preliminary examinations, 67
  prize, 142
  requirements for, 44
  subjects of examinations, 43
  time, places, and order of examinations, 66
  to advanced standing, 72
Advanced standing, 71
Advisers, 127
Aid, Beneficiary and Scholarship, 144
Alumni Associations, 151
Art, Greek, 81
  Mather Collection of, 108
  Roman and Italian, 81
Astronomy, 81
Attendance, 118

Bachelor of Arts, 44, 128
Bachelor of Science, 45, 128
Beecher Lectureship, 104
Beneficiary Aid, 144
Biblical Literature, 82
Biology, 65, 82
Botany, 65
Buildings and Equipment, 107

Calendar, 4, 5
Certificate, admission by, 70
Chapel, 112, 121
Charitable Funds, Overseers of, 8
Chemistry, 64, 84
Choir, 106
Chorus and Orchestra, 98, 106
Church, 112, 121
Clubs, 105
Commencement, 136
  speakers at, 33, 136
Committees of the Faculty, 15
Conditions, Entrance, 71
Corporation, 7
Courses of Instruction, 73

Degrees:
  Bachelor of Arts, 128
  Bachelor of Science, 128
  conferred in 1910, 40
  Master of Arts, 130
Delinquencies, 120
Dormitories, 116

Economics, 85
Electives, List of, 79
English, 52, 87
Examinations for Admission, 69
  certificate of, 71
  for advanced standing, 72
  preliminary and final, 67
  subjects of, 43
  semester, 119
Examinations in June, 67
Examinations in September, 68
Expenses, 125
Extra Courses, 80

Faculty, 9
Fellows, 17
Fellowships, 133
Final Honors, 34, 136
French, 58, 102
Freshman Class, 28
Freshman Studies, 73

Geology, 89
German, 61, 90
Graduation in less than 4 years, 129
Greek, 49, 91
Gymnasium, 113, 121

Halls, 111
Harmony, 66
History, 63, 93
Honorable Mention, 38, 137
Honors, 33, 136
Hygiene, 94

Italian, 103

Junior Class, 21

Laboratories and Museums, 109
Laboratory Fees, 124
Latin, 47, 94
Library, 107
Loan Fund, Student, 149

Master of Arts, Degree of, 130
Mathematics, 50, 96
Mineralogy, 89
Modern Government, 97
Music, 98

Natatorium, 113

Observatory, 111
Organization, 6

Phi Beta Kappa, 33, 136
Philosophy, 99
Physical Education, 94, 126
Physics, 64, 100
Physiography, 64
Physiology, 65
Porter Admission Prize, 142
Pratt Field, 114
Pratt Gymnasium, 113
Pratt Health Cottage, 115
Pratt Natatorium, 114
Preachers, College, 16
Preliminary Examinations, 67
Prizes, 35, 139
Public Exhibitions, 121
Public Speaking, 101
Publications, 150

Railroad Connections, 154
Religious Culture, 125
Romance Languages, 102
Room-rents, 117

Scholarship Aid, 144
Senior Class, 18
Skating Rink, 114
Sophomore Class, 24
Spanish, 103
Special Course, 46, 79, 123
Students:
  Classification by Residence, 32
  Freshman Class, 28
  Junior Class, 21
  Senior Class, 18
  Sophomore Class, 24
  Summary of, 32
Studies, List of, 79

Term Bills, 124
Terms, 118
Tuition, 124

Vacations, 118